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ABSTRACT

Continuing education opportunities offered by the University of British Columbia (UBC) are summarized in this third comprehensive annual report for the year September 1978 to August 1979. The university administers a decentralized program encompassing several university offices, community resource centers, and individual faculty members. Evening, weekend, off-campus, and summer programs are offered as part of the extra-sessional credit system. Guided independent study courses include degree, certificate, and noncredit courses. A statistical summary of participants in programs offered by the Centre for Continuing Education is presented as well as descriptions of the available programs. Continuing education courses offered in business and commerce, social work, agricultural science, education, and forestry are also described. Educational programs were also provided in conjunction with the UBC Botanical Garden, Museum of Anthropology, and other public service organizations. Descriptions of these programs as well as province-wide continuing education services are included. Activities of the UBC Speaker's Bureau are also summarized. (SF)

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Continuing Education Activities
of The University of British Columbia
1978/1979

ED181780

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INTRODUCTION

This is the third comprehensive annual report on continuing education activities of The University of British Columbia. The first report, for academic year 1976-77, covered only activities of the five designated units responsible for continuing education. This report, covering the period from September 1, 1978 to August 31, 1979, attempts to cover the much broader scope of continuing education opportunities offered by UBC through many of its faculties, schools and departments.

The provision of continuing education by UBC is decentralized. Several administrative units are responsible for credit and non-credit, general and professional continuing education and professional development. The major administrative units are the Office of Extra-Sessional Studies, the Centre for Continuing Education, the Division of Continuing Education in the Health Sciences, the Field Development Office of the Faculty of Education, the Professional Programmes of the Faculty of Commerce and Business Administration, and the Professional Continuing Education Programme of the School of Social Work.

In addition, other units of the University, among these the Botanical Garden, the Museum of Anthropology, the UBC Research Forest, the Music Department and the Theatre Department provide considerable continuing education opportunities through lectures, demonstrations, exhibits, film showings, concerts, recitals and readings. Free public seminars and lectures are organized by a number of academic departments and institutes, and public services such as the "Hort-Line" and the Food Information Service of the Faculty of Agricultural Sciences are provided to the public. In these ways UBC contributes significantly to the education of adults, the dissemination of knowledge, and the cultural life on the Lower Mainland and further afield.

In addition to the official, University sponsored activities, individual faculty members provide a considerable contribution to continuing education in British Columbia through participation in continuing education programmes of other institutions as well as through voluntary and professional associations. However, these activities are not reflected in this report.

This report is an attempt to gather information on and to convey the scope of these many varied activities and services through which The University of British Columbia enhances the quality of life in British Columbia. Due to the decentralized nature of much of this, it is very difficult to document adequately the level and breadth of this contribution. It is hoped that both the gathering of information and the reporting will be refined in subsequent annual reports.

EXTRA-SESSIONAL CREDIT PROGRAMMES

The Office of Extra-Sessional Studies was established in 1976 in response to the increasing numbers of students who needed university credit courses but could not attend the regular Winter Session.

The Office is responsible for the co-ordination and administration of all extra-sessional credit courses and programmes with the exception of credit correspondence courses which are administered by the Centre for Continuing Education. Courses administered through the Office of Extra-Sessional Studies are given during the late afternoon, evening, weekend, off-campus, Spring Session, Summer Session, and through Directed Study Abroad.

The academic staff of this Office consists of the Director, Dr. Norman Watt, and the Associate Director, Dr. Kenneth Slade. During the sabbatical leave of Dr. Slade (January 1979 to December 1979), Dr. Richard E. Robinson was appointed as Acting Associate Director. In addition, the Office draws on the services of Co-ordinators from the Faculties of Arts, Education, and Science, appointees of those respective Deans. These co-ordinators work closely with the Office in programming courses and serve on the Co-ordinating Committee. The support staff of the Office consists of the Secretary to the Director, a Program Assistant, and two secretaries.

The Co-ordinating Committee on Extra-Sessional Studies was established to advise the Director on long range development plans, budget, course offerings, student academic loads, and other related matters. The committee consists of representatives from the Faculty of Arts, Commerce, Education, Science, the Centre for Continuing Education, as well as the three faculty Co-ordinators, the Associate Director, and Program Assistant. The Director serves as chairman. This committee continues to be of value in their deliberations and with their advice.

As well as the charges given to the Office by the President's Permanent Committee on University Extension and Continuing Education, the Office's staff have formulated other specific objectives which are as follows:

1. To establish procedures which will preserve the prerogatives of each faculty with respect to academic requirements for degrees, content of courses and appointment of lecturers

2. To encourage faculties and departments to provide programmes and courses based on student need

3. To assist faculties and departments to determine the demand for on- and off-campus courses and the most effective way of meeting that demand

4. To help faculties and departments think through alternative approaches to presenting courses to people who cannot attend campus-based courses

5. To encourage faculties and departments to develop a one, two, and three-year sequence of extra-sessional courses, enabling part-time students to plan their programmes with confidence

6. To assist faculties in making it possible for part-time students to earn degrees wholly or in part by part-time studies

7. To provide effective publicity for programmes offered.

Within the constraints of the budget and the often unpredictable student demand for courses, the staff of the Office, with the assistance of the Co-ordinators, has been working with some success towards the achievement of these objectives.

New Programmes and Direction

1. Completion of Majors by Part-Time Study

The increase in the number of part-time students attending Winter Evening and Spring Sessions over the past few years is very evident. In order to make it possible for the part-time student to complete degree requirements for a major, all departments in the Faculties of Science and Arts were asked to determine a three-year sequence of courses (Winter Evening and Spring) which would allow completion of a major within that time. The response was very gratifying. It must be noted that degree completion by part-time study has been available at the undergraduate and graduate levels in the Faculty of Education for a number of years.

2. Spring Session Library Hours

As a result of a special grant by the President's Office, the library hours during Spring Session were extended. This short term solution allowed the Sedgewick, Fine Arts, Woodward, and Main Libraries to remain open two additional nights per week plus all day Saturday.

3. Part-Time Studies and University Accessibility

A research proposal designed to give information regarding the educational needs of part-time students at UBC and the

individual, social, and institutional factors which facilitate or inhibit their participation in the University was submitted to the President's Office in June for consideration. It has since been learned that plans are being formulated to design a similar study which would involve all three British Columbia universities.

4. M.B.A. Programme

The Faculty of Commerce and Business Administration presently offers a graduate programme in which a student can obtain an M.B.A. by evening study alone. The Dean is willing to explore the possibility of offering the first year of this programme in one or two selected centres in the province.

5. Off-Campus M.Ed. Programme

At its meeting of May 24, 1978, Senate approved a programme through which an M.Ed. student may receive up to six units of credit for off-campus courses. The programme was approved for a two-year trial period which starts in the summer of 1980.

Winter Session

A total of 3,206 students registered for Extra-Sessional courses during the 1978-79 Winter Session. This represents an increase of 742, or 30 per cent, in student registration over the 2,464 registered for the 1977-78 Winter Session. This significant increase is due mainly to the increased number of courses being offered by the Faculties of Arts and Education.

Of the 3,206 student registrations in 1978-79, 1,104 were registered in off-campus Education courses. This represents an increase of 193 (21.9 per cent) registrations over the total of 911 in the 1977-78 session. Eighty-eight courses were offered in 33 locations in the province. Of this number, 65 courses were eligible for a subsidy from the Interior Programmes funds. This funding has allowed courses to run even though revenues generated could not defray the direct expenses. In addition it is interesting to note that of the 88 courses offered, 26 (30 per cent) were offered part-of-load.

Spring Session

The 1978 Spring Session enrolled 2,757 students. This represents an increase of 192 (7.4 per cent) students over the 1978 enrollment of 2,565. Over the past four Spring Sessions, 1976 - 1979, significant enrollment increases have occurred in most faculties.

The Faculty of Arts enrollment increased from 1,382 in 1976 to 1,755 in 1979, an increase of 27 per cent. The Faculty of

Science enrollments have increased from 190 in 1976 to 235 in 1979. This increase of 24 per cent is due mainly to the popularity of Computer Science and Mathematics courses. The Faculty of Commerce have increased their course offerings from 5 in 1977 to 15 in 1979. Thus, their enrollments have increased significantly. They enrolled 138 in 1977 and 342 in 1979, an increase of 146 per cent. The Faculty of Education enrollments both on an off-campus declined during the 1977 and 1978 sessions due mainly to the decrease in the number of courses offered. However, the 1979 enrollment figures were almost identical to those of 1976, with 512 students in on-campus courses in both years, while off-campus courses enrolled 98 students in 1976 and 96 in 1979.

Summer Session

The 60th Summer Session of the University enrolled 4,153 students compared to 3,975 students in 1978. This 4.7 per cent increase is the first since 1976. Since 1975 summer enrollments have increased or decreased by less than 5 per cent each year; the 1979 total of 4,153 is the highest in this period and the 1978 enrollment of 3,975 is the lowest of the four years. It is clear that Summer Session enrollments have become stable.

Of the 4,153 students enrolled in the 1979 Summer Session, 744 students were registered in Arts, 237 in Commerce, 346 in Science, and 2,444 in Education. All of the other eighteen participating Faculties, Schools, and/or Departments each had fewer than 100 students enrolled. It is interesting to note that 21 senior citizens registered for credit courses.

Of the total enrollment, the number of public school teachers in attendance increased from 1,614 (40.69 per cent) in 1978 to 1,724 (41.51 per cent) in 1979. For the second straight year the percentage of teachers in the student body showed an increase. This increase of 110 teachers or 6.8 per cent is the largest since the decline began in 1965 when 3,979 teachers representing 65.29 per cent of the total enrollment attended Summer Session. The lowest percentage of teachers (38.81 per cent) occurred in 1977. The major factor in the steady decline in the proportion of teachers in attendance was the fact that more and more teachers were graduating with degrees. Three factors are hypothesized for the recent increase in the teachers' population. First, there is no longer a teacher shortage; some new teachers are making their jobs more secure by increasing their qualifications. Second, teachers in certain subject areas are receiving pressure from their school district or the Ministry of Education to upgrade their qualifications. Third, because of the significant increase in the number of Education off-campus courses offered in the province more teachers are taking courses in their hometowns. As a result, many of these teachers will attend a Summer Session to complete or accelerate their programme.

Directed Study Abroad

The Office of Extra-Sessional Studies was charged with the responsibility for administration of the degree credit courses abroad, entitled Directed Study Abroad (DSA), on August 31, 1977.

The objectives of the Directed Study Abroad programme are to provide students with an academically sound learning experience in a setting which will further enhance the stated objectives of the equivalent course offered on campus. Directed Study Abroad credit courses are distinct from non-credit Educational Travel Programmes offered by the Centre for Continuing Education.

In 1978, 11 DSA courses were proposed through the Office of Extra-Sessional Studies. Of these 11, 2 eventually met all of the prerequisites (including sufficient pre-registration interest) required. Both of the courses which were offered not only benefitted the participating students, but contributed in distinct ways to the University. The Fine Arts course in Peru was able to locate and purchase particular textiles which the Anthropology Museum requested while the Education course to Australia set up many contacts in the educational system for future use, both by the students and by the University.

Only 5 courses were proposed for the 1979 Directed Study Programme. Of these, only 1 obtained sufficient enrollment -- a beginning and intermediate Italian language course (Italian 300 and 420) taught in a castle in Tuscany.

GUIDED INDEPENDENT STUDY

DEGREE-CREDIT COURSES

The decision made to limit production of Arts courses to specialized areas and to explore development in the professional faculties was implemented. During the transitional period this year only 2 new courses were completed: Commerce 111, and English 301. Economics 302, Education 383, and English 329 are currently under development. Later in the year the Centre for Continuing Education and the Faculty of Forestry received interior programme funds grant to develop distance education courses in Forestry. The slower pace of development of new courses has had two positive effects. It has enabled the department to increase the number of course revisions and to continue to improve its services to students.

It was possible to increase the number of course revisions to 8. Revision of courses at this rate ensures that every course can be revised and updated at least every five years.

Expansion of services to students included efforts to improve the turn-around time for student assignments and to increase student and tutor use of the free telephone system made possible by a grant from the interior programme funds. Course tutors have, in most instances, been extremely co-operative. Turn-around time has improved noticeably and use of the telephone service has almost doubled. A total of 767 free telephone calls were placed to or from students compared to 350 calls in the previous nine months. Experimental telephone conference seminars were also undertaken and evaluated. Student response was highly enthusiastic and increased use of this means of offering seminars is being planned.

New course registrations in degree-credit courses stabilized this year at 834 students, a drop of 3.7 per cent compared to last year.

CERTIFICATE CREDIT COURSES

Criminology Certificate Programme

The first 2 students to complete the requirements of the programme were awarded certificates in May 1979. A survey of the 218 students admitted since 1975 indicates that 147 are still active. Of these, 49 have either completed or been granted advanced credit for one or more courses. Seventy new course registrations were recorded and 46 new students were admitted to the programme during the year. Over 80 per cent of the active students are B.C. residents and approximately 60 per cent of these live outside the Greater Vancouver area. Almost half of the students

are currently employed in related occupations.

Establishment of a new system of record keeping and use of the free telephone service now enables the Centre for Continuing Education to maintain regular contact with students. It is anticipated that active participation will increase in the coming year as a result of improved communication.

A Provincial Co-ordinating Committee on Justice Education was recently established and efforts to co-ordinate and articulate programmes throughout the province are now under way. Participation in the work of this committee should afford an opportunity for the UBC guided independent study programme in criminology to correlate its offerings with those of other B.C. institutions.

Certificate in Early Childhood Education

With funding for development provided from the interior programmes funds, two courses leading to the Certificate in Early Childhood Education will be available by guided independent study in early September. Many students in the Certificate Programme are already waiting to register. Evaluation of the new courses is being undertaken and another course will be developed in the coming year. These courses are also open to parents, nurses, and social workers who deal with young children.

NON-CREDIT COURSES

Guided Independent Study sponsored its first newspaper correspondence course in the fall of 1978. The course, entitled Write On!, was developed at The University of Manitoba as a refresher course in writing skills. Tutoring was provided by the UBC Reading, Writing and Study Skills Centre and by the English Education Department of the Faculty of Education. Offered with the co-operation of The Province newspaper, the course was well received by the 504 students who enrolled for tutoring (all indications show that there was also a large shadow audience). Despite disruption by two strikes, the entire course was completed by 37 per cent of those who enrolled. The evaluation suggests that correspondence courses by newspaper reach audiences that would not otherwise become involved in university-level continuing education programmes. Additional courses suitable for this means of delivery are being sought.

The active co-operation of the UBC Reading, Writing and Study Skills Centre also resulted in the development of 2 new audio-tutorial courses in the Learning Skills Programme. Courses in this programme are being well received both by individual students and by other education institutions to supplement existing student support service. Individual registration in the Learning Skills Programme rose from 28 in 1977-78 to 108 in the current year and further increases are anticipated.

GUIDED INDEPENDENT STUDY REGISTRATIONS 1978-79

Degree-Credit Courses	834	
Certificate-Credit Courses	29	
Non-Credit Courses	647	
TOTAL		1,510

CENTRE FOR CONTINUING EDUCATION

Academic year 1978-79 turned out to be another busy year for the Centre for Continuing Education in its expanding service to the men and women of British Columbia. Overall enrollment in programmes and services offered by UBC through the Centre grew from 35,436 last year to 40,844 this year, an increase of over 15 per cent. The most significant increase occurred in the non-credit programmes offered by Guided Independent Study (362 per cent!), while in continuing education in the professions the enrollment grew by 20 per cent and the drop-in and phone-in services of the Women's Resources Centre increased by almost 30 per cent. Among programme areas the largest growth occurred in Adult Education Training where enrollment went from 617 to 1,070 (an increase of over 73 per cent).

Expansion of both professional development and general education non-credit programmes throughout the province, continued with an overall increase of over 3 per cent. These programmes are offered in co-operation with UBC academic departments, schools and faculties, as well as in close liaison with the community colleges. The well received and acclaimed UBC Interior Programme, based in Vernon and serving the Okanagan/Thompson region, is now well established, but efforts over the last three years to establish a similar programme in Northern B.C., based in Prince George, continue to be thwarted by lack of funds. The University, through the Centre for Continuing Education and through other units, strives to improve its service to population in non-metropolitan areas. The provision of special interior funding through first the IUPB and now the UCBC assists considerably in this effort, but this funding still is not assured, and often approved too late, to allow orderly and efficient planning and development, especially in the non-credit programmes area.

The question of funding of university continuing education in B.C. remains a problem and a challenge at all three public universities. The Centre for Continuing Education has to rely heavily on revenue from fees to meet the cost of its programmes and services. The burden is not too onerous in the case of programmes where fees can be charged, but there is a growing need for programmes and especially for individual and community services where it is difficult, if not impossible, to operate on a basis of fees and enrollment.

Among these services is the Women's Resources Centre, acclaimed as a model in B.C., in the rest of Canada, and abroad. This Centre continues to expand and we now average 725 contacts per month in the Drop-In Centre downtown. This is made possible only due to the willingness and devotion of a group of well trained volunteers. The Women's Resources Centre continues to move towards an adult learning centre, expanding its service to men as well as women. Along these lines we have submitted a proposal

for a Life Planning Centre to interested funding agencies both in Canada and the United States. Also, as Women's Access Centres are being established and funded by the B.C. community colleges (on an initiative from the Ministry of Education, Science and Technology assisted by a conceptual framework designed for the Ministry by Anne Ironside, Director of the UBC Women's Resources Centre), the WRC is becoming a major training resource for their staff and volunteers.

Another area in need of additional subsidy funding is the popular and growing programme for retired people. UBC now offers a highly successful subsidized summer programme which originated as an "innovative grant" a few years ago. In addition, the Centre for Continuing Education makes available a number of its regular non-credit programmes free of charge to retired people, and special programmes are offered at fee. Government or other funding will be needed to expand this important aspect of our work. Two other important free educational services offered by the Centre and a number of faculty members are the now established televised lecture series on Channel 10 organized by our Public Affairs Programme, and the new noon-hour lecture series in Robson Square organized by Daytime Programmes and inaugurated in this academic year; both these series bring the results of UBC faculty research to the general public.

Among the newer programme areas the Centre for Continuing Education embarked on are the Gerontology Programme, the Pre-Retirement Planning Programme, and the Women in Management and Career Development Programme. All three programme areas are well established now and are serving a demonstrable and growing need in society. Among newer initiatives of our established Language Institute are the adult French programme, instructor training for teaching English and French, and the English for Foreign Students programme. The adult French programme was expanded considerably with the help of federal subsidies which expired at the end of June; the programme is now well established and will carry on. The Language Institute assumed a new and important role through workshops for public school teachers on teaching of French, offered on the Lower Mainland and in interior locations, as well as through demonstrations of techniques and materials for teaching English as a second language given for Fraser Valley College, Douglas College, Quesnel School District and at the 1979 TEAL Conference. The restructured English for Foreign Students programme completed a very successful first year of operation by the Language Institute, providing an important service to foreign students attending UBC. Overseas Programmes, a new venture started last summer, offers opportunity for non-credit short-term residential study at universities abroad. In the highly successful 1979 programme, courses were offered in co-operation with Cambridge University and with the Universities of Edinburgh and Aberdeen.

Highlights of activities in long established programme areas include the following. In Guided Independent Study services to students improved markedly, especially through provision of free

telephone link between students and tutors (made possible by renewed special funds for interior programmes); 767 telephone calls were made this year compared to 359 last year. We have also experimented with telephone seminars for correspondence students and expect expansion of this innovation next year. We have offered the first newspaper correspondence course (Write On!--an English composition course) with the co-operation of The Province newspaper, enrolling over five hundred students. Our Humanities Programme, in co-operation with The Vanier Institute of the Family, inaugurated a new series of occasional programmes on the theme "Towards a More Familial Society". We have taken advantage of the Tutankhamun Exhibition in Seattle to organize a series of very successful lecture programmes and visits to the exhibit. Our energy programmes, especially our solar energy and self-help housing workshops keep on attracting a good number of participants. Resource Industries Programme organized a first Canadian workshop on slash burning with the use of helicopters, drawing participants from Alberta, Ontario, Montana and Oregon as well as from all over B.C. The Integrated Management of Resources Conference, supported by the B.C. Ministry of Environment attracted an audience of 350 from many professions, as well as a group of visiting Japanese experts. Resource Industries Programme and Education Extension, with financial support from PASGAP, organized a team of B.C. teachers to attend a conference on Marine Studies in Hawaii, which resulted in the formation of a B.C. Marine Studies Education Information Committee to initiate curriculum development in marine studies. Education Extension also developed, with financial support from the B.C. Ministry of Education, Science and Technology, a Directory of Professional Development Services for B.C. Teachers. Among significant programmes organized by Education Extension, in co-operation with departments in the Faculty of Education, were a highly successful course for newly appointed school principals, an interprofessional conference for social workers, health personnel and educators titled Unhappy Children Don't Learn, and a Colloqium on Prominent Issues in French Education. In co-operation with our Urban Planning Programmes and the B.C. Energy Commission, Education Extension organized an energy education conference for teachers. A landmark Workshop on Public Broadcasting was organized by Social Science Programmes in co-operation with Channel 9, Seattle; resource persons included representatives from CBC, PBS and BBC.

One of the long established programme areas in the Centre for Continuing Education, Continuing Legal Education which was incorporated as an independent society for the last two years while it continued operating from the Centre, physically separated in August and moved downtown. However, the Continuing Legal Education Society will maintain close links with the Centre in co-operative interprofessional programming; the CLE and the Centre are also working out ways and means of ongoing official affiliation.

Distinguished visiting lecturers engaged by the Centre for Continuing Education this year included Dr. David Bohm, world renowned theoretical physicist and expert in quantum theory;

Dr. Joseph Blasi of Harvard University; Ms Marlene Wilson, an internationally known expert in the management of volunteer agencies; Dr. John Brocklehurst of Manchester, expert on the caring for the elderly patient; Dr. Stan Shapiro, Dean of the Faculty of Management, McGill University; and Dr. Theodore Roszak, cultural historian and social critic.

The Centre for Continuing Education and its professional staff render also an important service to the area of publication. The Centre publishes a series of Occasional Papers on Continuing Education; during this year three papers were issued: The Polish Folk High Schools by Jindra Kulich and Agnieszka Bron-Wojciechowska, Contributions to a Discipline of Adult Education: A Review and Analysis of the Publications of Coolie Verner by Dr. G. Dickinson and Some Preliminary Notes Concerning an Inquiry into the Heritage of Canadian Adult Education by Dr. J.R. Kidd. The Centre also publishes, in co-operation with the International Council for Adult Education, a series of Monographs on Comparative and Area Studies in Adult Education; the volume published this year was Village Literacy Programming in Pakistan by Dr. F. Hesser. Three additional monographs in this series are under preparation. Among other publications issued by the Centre were Self-help Housing: Design and Construction Manual for Acadia House by Charles Haynes; Pre-Retirement Education: A Multi-Group Discussion Approach by Gail Riddell and James Lynch; a series of eight pamphlets to accompany a TV series on pre-retirement planning, edited by Gail Riddell; and a manual on Project Design and Implementation (commissioned by the Ministry of Education, Science and Technology) by Vince Battistelli and Brishkai Lund. Three professional members of the Centre served as editors: Robin Fried as Contributing Editor, Conserver Society Notes; Don Mosedale as Editor-in-Chief, B.C. Pre-School Teacher; and Jindra Kulich as General Editor, Monographs on Comparative and Area Studies in Adult Education; Book Review Editor, Learning; and Book Review Editor, Foreign Publications, Lifelong Learning: The Adult Years. Anne Ironside with Claire Buckland contributed a chapter "The Women's Resources Centre: A Coordinated Approach to Programs and Services for Women in Mid-Life Change" to Programming for Adults Facing Mid-Life Change edited by Dr. Alan Knox and published by Jossey-Bass.

Two long-time professional members of the Centre for Continuing Education retired in December. Marjorie Smith has served the Centre well since the 1940's in a number of programme areas and has made a significant contribution to the broad field of adult education in B.C. Her last assignment was to start a new programme area in gerontology, a programme which now is well established. Pat Thom joined the Centre eleven years ago to set up the Daytime Programme. Her vision and drive made Daytime Programme, and its offshoots - the Women's Resources Centre and Women in Management Programmes, the continuing education programmes best serving the needs of women, in B.C., while her leadership in the women's movement in B.C. and Canada also gained her wide recognition.

The Centre for Continuing Education would not be able to serve the men and women of B.C. and the University so well were it not for the vision, dedication and hard work of all of its staff - professional, secretarial and support - and without the understanding and support of the University administration, academic and service departments, and individual faculty members.

CENTRE FOR CONTINUING EDUCATION
STATISTICAL SUMMARY OF PARTICIPANTS IN 1978-79
(PROGRAMME AREA AND TYPE)

GUIDED INDEPENDENT STUDY	
Credit Courses	834
Certificate Credit Guided Independent Study	123
Non-Credit Guided Independent Study	647
GENERAL EDUCATION PROGRAMMES	
Lecture Series	10,907
Single Lectures	4,043
Short Courses	3,770
Field Trips	312
Educational Travel	239
PROFESSIONAL AND TECHNICAL PROGRAMMES	
Lecture Series	1,311
Single Lectures	757
Short Courses	8,756
Educational Travel	26
WOMEN'S RESOURCES CENTRE DROP-IN AND PHONE-IN COUNSELLING	9,119
TOTAL:	40,844

CENTRE FOR CONTINUING EDUCATION
STATISTICAL SUMMARY OF PARTICIPANTS IN 1978-79
(LOCATION OF PROGRAMMES)

GUIDED INDEPENDENT STUDY	
British Columbia	1,529
Outside British Columbia	75
GENERAL EDUCATION PROGRAMMES	
UBC	11,406
Greater Vancouver	5,989
Province-Wide	1,325
Field Trips and Educational Travel	551
PROFESSIONAL AND TECHNICAL PROGRAMMES	
UBC	3,150
Greater Vancouver	5,406
Province-Wide	2,268
Field Trips and Educational Travel	26
WOMEN'S RESOURCES CENTRE DROP-IN AND PHONE-IN COUNSELLING	9,119
TOTAL:	40,844

CENTRE FOR CONTINUING EDUCATION

PROFESSIONAL STAFF

Director's Office

Jindra Kulich
Director

Vince Battistelli
Associate Director
Programme Co-ordination

Genia Kaye
Administrative Assistant
to the Director

Kenneth Langland
Assistant Director
Administration and Finance

Directors of Programme Areas

AGING AND HUMAN RELATIONS
Marjorie V. Smith
(retired December 31, 1978)

COMMUNICATION AND MARKETING
Colleen Bourke

CREATIVE ARTS
Sheila Maxwell

DAYTIME
Patricia Thom
(retired December 31, 1978)
Martha Powell

EDUCATIONAL TRAVEL
MaryFrank Macfarlane

EDUCATION EXTENSION
Philip E. Moir

EDUATION FOR RETIREMENT YEARS
Gail Riddell

EDUCATION OF YOUNG CHILDREN
Donald S. Mosedale

CONTINUING ENGINEERING
EDUCATION
A.L. Duff Macdonell

GUIDED INDEPENDENT STUDY
Audrey L. Campbell

HUMANITIES AND SCIENCES
Sol Kort

INSTRUCTOR'S DIPLOMA PROGRAMME
Sandy McGechaen
Nigel Macklin

INTERIOR PROGRAMME
OKANAGAN/THOMPSON
John G. Edwards

LANGUAGE INSTITUTE
David Browne
F. Scott Glabus
(to June 30, 1979)

CONTINUING LEGAL EDUCATION
Kenneth C. Woodsworth

PROGRAMMES IN AGING
Gail Riddell
(effective January 1, 1979)

PROGRAMMES FOR RETIRED PEOPLE
Gail Riddell

PUBLIC AFFAIRS
Gerald N. Savory

READING, WRITING AND STUDY
SKILLS CENTRE
Donald S. Mosedale
Mava Jo Powell
(resigned March 31, 1979)

RESOURCE INDUSTIRES (AGRICULTURE,
FORESTRY, INTERPROFESSIONAL)
Graham A. Drew

SOCIAL SCIENCES
Henry M. Rosenthal

TRAINING FOR ADULT EDUCATORS
Jindra Kulich

URBAN PLANNING
Robin Fried

WOMEN IN MANAGEMENT AND
CAREER DEVELOPMENT
Eileen M.H. Hendry

WOMEN'S RESOURCES CENTRE
Anne Ironside
Ruth Sigal

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES

Continuing Education in the Health Sciences is one of six divisions responsible to the Co-ordinator, Health Sciences Centre. It is located on the first floor of the Mr. and Mrs. P.A. Woodward Instructional Resources Centre and is made up of the following:

Continuing Dental Education
Continuing Education in Human Nutrition and Dietetics
Continuing Medical Education
Continuing Nursing Education
Continuing Education in the Pharmaceutical Sciences
Continuing Education in Rehabilitation Medicine

Objectives

The objectives of the Division of Continuing Education in the Health Sciences are:

1. To assist the Faculties and Schools of the Health Sciences in their programmes of continuing education.

2. To initiate and support new methods to facilitate and stimulate interprofessional learning among members of two or more professions.

3. To offer educational opportunities to help prepare members of the health professions to become specialists in continuing education.

4. To encourage health professionals in the community to initiate their own continuing education and to provide faculty support when requested.

5. To offer consultative services regarding interprofessionals and uni-professional continuing education.

6. To establish liaison with other groups providing continuing education in order that co-operative programming and co-ordination is encouraged.

7. To initiate and support research activities pertinent to the development of continuing education in the health sciences.

8. To foster health education programmes for the public.

Progress Toward Achieving Objectives

The programme Directors, educational support staff and administrative personnel met weekly during the academic year

1978-79 as the Division Committee. The objectives, policies and future direction of the Division were reviewed; progress of each Division was reported regularly and community requests for continuing education programmes were dealt with.

Directors met with their individual advisory committees and contributed to the planning process of interprofessional activities.

Progress of the Division is reported below. Some emphasis is placed on the unique achievements of each programme, such as publications, community activity, teaching packages and home study programmes.

To Assist the Faculties and Schools of the Health Sciences in Their Programmes of Continuing Education

Continuing Dental Education:

Accreditation - In October of 1978 the Survey Team, Council on Education, of the Canadian Dental Association examined the Faculty of Dentistry. It is with pleasure we quote two items pertinent to continuing education: "204. The Survey Team found continuing education to be one of the highlights of the school operation" and "234. The most excellent organizer of Continuing Dental Education should receive adequate appreciation. This is such an invaluable feature that all efforts must be pursued to ensure its continued development and scope."

Courses - (Community Based) The network of Regional Co-ordinators established in June, 1978 will be further strengthened by a second Regional Co-ordinators' Workshop to be held in September 1979. As a result of the Regional Network 29 courses in 8 communities were offered with a total attendance of 1,057. Three additional community programmes were offered directly through the Division with an attendance of 181. A total of 32 courses in the communities, attended by 1,238, well above last year's total.

Courses - (On Campus) During the year 34 "on campus" courses were offered and were attended by 1,127 Dentists, 311 Dental Hygenists and 567 Dental Auxiliaries and others. A total of 2,005 for the "on campus" academic year.

Courses - (Other) The Division of Continuing Dental Education was asked to provide a workshop for Regional Co-ordinators in conjunction with the International Symposium for Hygenists held in Vancouver in July 1979. The workshop was conducted by Dr. David Fielding, Director of Continuing Education in the Pharmaceutical Sciences, Bob Gobert, Associate Director of Educational Support and Development, Continuing Education in the Health Sciences and Dr. Malcolm Williamson, Director of

Continuing Dental Education. Fifty Dental Hygenists took part in the workshop and the evaluation reflected well on the educational impact of the workshop.

The total attendance for Continuing Dental Education was 3,293.

Continuing Education in Nutrition and Dietetics:

Regional Co-ordinators. On May 26 and 27, a workshop was held at UBC to train co-ordinators of continuing education from the nine geographical Districts of the British Columbia Dietetic Association. Funds from the Interior Programmes Committee of the Universities Council and the B.C. Dietetic Association were used to sponsor the workshop which was attended by 20 dietitions-nutritionists from all parts of the Province. Instruction in programme planning principles was provided by Mr. R. Gobert and Dr. D. Fielding from the Division of Continuing Education in the Health Sciences.

Courses. The annual lecture series "Current Topics in Dietetics" was held October 4, 11, 18 and 25 at the G.F. Strong Rehabilitation Centre. Registrants included 120 dietitians, nutritionists and home economists plus 30 students and dietetic interns. All presentations of the series are tape-recorded for continuing education use by nutritionists and dietitians who were unable to attend the programme. Tapes are distributed on a loan basis by the B.C. Dietetic Association and have been heavily utilized. "Computers in Dietetics", a one-day course, held on January 27, 1979, was attended by 80 nutritionists and dietetic professionals plus 20 students and dietetic interns. A total of 270 registrants was recorded for the 1978-79 academic year. All courses were evaluated by registrants, using reaction forms developed for each course. Results were very positive and supportive of the Division's activities and focus.

Publications. An article, "Continuing Education in Nutrition and Dietetics: A Working Model", authored by Dr. Nancy E. Schwartz, Director of Continuing Education in Nutrition and Dietetics at UBC and Mr. R.C. Gobert, Associate Director, Educational Support and Development, Health Sciences Centre, UBC was accepted and published by the Journal of the Canadian Dietetic Association, Vol. 39, No. 4, October 1978.

Division of Continuing Medical Education:

Regional Co-ordinators. Sponsored by the British Columbia Medical Association and the Division of Continuing Medical Education, a Workshop for Regional Co-ordinators was held December 7 and 8, 1978. Directors of Continuing Medical Education from the Districts of the B.C. Medical Association were provided with information on needs assessment and programme planning by

Mr. R. Gobert and Dr. D. Fielding of the Division of Continuing Education in the Health Sciences. The network of Regional Co-ordinators will ensure that courses appropriate to the needs of each community, will be held more frequently and reduce the time physicians are away from practice.

Courses. During the academic year, Continuing Medical Education provided 23 on campus courses which were attended by 1,615 physicians and 66 nurses and other health professionals. Also 12 communities took part in the Community Hospital Programme with 376 physicians attending. Total attendance during the year was 2,057.

Continuing Nursing Education:

Providers Group. The Acting Director of Continuing Nursing Education was active in and supportive of this informal association. Formed to share information and plans in order to avoid duplication of effort, it consisted of the major providers of Continuing Nursing Education: B.C.I.T., Douglas College - Royal Columbian, Langara College, University of Victoria and the University of British Columbia.

Teaching Packages. Produced and circulated during the year were carefully constructed for community consumption. They consist of instructor's manual, participants' handbook, audio tapes, slides and videotapes. These are: (1) Clinical Performance Evaluation, (2) Purposeful Nurse-Patient Interactions, and (3) Chronic Obstructive Lung Disease.

Critical Care Nursing. Recognizing the crucial need for nurses trained in Critical Care, Langara College, Shaughnessy Hospital and the Division of Continuing Nursing Education at UBC combined their efforts in developing a course in Critical Care Nursing. A pilot programme has already been presented successfully at Shaughnessy Hospital and further programmes are planned in Kamloops and Vancouver Island in the near future with the programme proceeding in other areas until the need is met. The Division of Continuing Nursing Education is grateful for the important funding provided by the Interior Programmes Committee of the Universities Council. Without such funding this important programme could not proceed.

Courses. During the year, the Division of Continuing Nursing Education provided 19 on campus courses attended by 836 registrants, and 8 community based courses attended by 213 registrants, giving a total registration of 1,049 nurses.

Continuing Education in the Pharmaceutical Sciences:

Independent Study Programme. A need not adequately addressed has been met through the purchase of independent study programmes.

This purchase was made possible by funds made available through the Interior Programmes Committee of the Universities Council. Three hundred and ninety-seven pharmacists participated in this programme during the academic year.

Regional Co-ordinators. A fourth Workshop for Regional Co-ordinators was provided during the year to ensure that the network will operate at maximum efficiency. Dr. Fielding, Director of Continuing Education in the Pharmaceutical Sciences, accepted an invitation from Dalhousie University to provide a Regional Co-ordinators Workshop for practising pharmacists in Nova Scotia.

Publications. An article entitled "Development and Validation of Written Simulation Problems for Pharmacy", co-authored by Dr. David Fielding and Dr. Gordon Page, Director, Educational Support and Development, Office of the Co-ordinator Health Sciences, won an annual award as best article in the American Journal of Pharmaceutical Education. It was published in Vol. 42, No. 3, August, 1978.

Courses. During the academic year, the Division offered 13 on campus courses and 50 community based courses. (These 50 courses included those offered by Regional Co-ordinators with the co-operation of community colleges.) The total number of pharmacists served by courses was 1,382. The independent study programme participation was 397. Other health professionals attending pharmacy courses was 305. The total served during the academic year was 2,084.

Continuing Education in Rehabilitation Medicine:

Regional Co-ordinators. Therapists are not as numerous as other health professionals and hence are not in sufficiently large numbers in the communities to gather a reasonably sized group for continuing education courses. To correct this situation a Regional Co-ordinators' Workshop is being planned so that an efficient network of therapists skilled in programme planning will be able to assess their needs and plan courses on a regional basis.

Courses. During the year the Division provided 12 courses in the "Orthopaedic and Soft Tissue Injuries" series. These are limited registration courses and were attended by 316 therapists. A unique programme, "Physiotherapy and Dentistry" was attended by 37 physiotherapists, 17 dentists and 4 dental hygenists. Discussions were led by Mariano Rocabado from Chile and the course was very successful. Three other courses for therapists were attended by 76 therapists and others. A total of 450 registrants during the academic year.

To Initiate and Support New Methods to Facilitate and Stimulate Interprofessional Learning Among Members of Two or More Professions

During the year two major interprofessional courses were presented. A great deal of time and effort by the course planning committee is necessary in order to provide courses acceptable to the six health professions. "Health Hazard Appraisal: A Tool for Lifestyle Modification", registered 54 health professionals and was well accepted. "Contemporary Issues in Caring for the Elderly", registered 121 health professionals -- a total of 175 registrants for the year. Planning is well underway for three interprofessional courses for the 1979-80 academic year.

In addition to the courses presented by this Division's Interprofessional Committees, a course on Gerontology was provided by the Centre for Continuing Education in co-operation with this Division. "Common Health Problems in Later Years" registered 33 health workers and professionals. A public lecture and afternoon seminar, part of a series of programmes on aging provided by the Centre for Continuing Education were presented by Dr. John Brocklehurst. This lecture and seminar was co-sponsored by the Division of Continuing Education in the Health Sciences. The evening lecture attracted 125 people and the afternoon seminar registered approximately 100.

To Offer Educational Opportunities to Help Prepare Members of Health Professions to Become Specialists in Continuing Education

Health Science students enrolled in graduate programmes in Adult Education are frequently in contact with the appropriate Health Science Director in this Division to seek advice and future direction in continuing education. Directors of this Division have participated in seminars with the Health Science graduate students at the invitation of the Department of Adult Education.

To Encourage Health Professionals in the Community to Initiate Their Own Continuing Education and to Provide Faculty Support When Requested

Siginificant progress is being made by the Division in ensuring that health professionals in the communities are able to provide their own continuing education programmes.

A fourth workshop was provided by Continuing Pharmacy Education

for Regional Co-ordinators to further strengthen the network. These Regional Co-ordinators provided 50 courses in the communities of British Columbia. Some of these courses were done in co-operation with this Division and others in co-operation with regional colleges.

As a result of the Regional Network of Co-ordinators of Continuing Dental Education, established in 1977-78, 29 courses were offered in eight communities with a total attendance of 1,057. As reported earlier, Continuing Dental Education provided a Co-ordinators' Workshop for an international meeting of Dental Hygenists. There is no doubt that, of the 50 attendees, some will be from British Columbia and will futher strengthen the already functioning Dental Co-ordinators' network.

As reported under Continuing Education in Nutrition and Dietetics, a Regional Co-ordinators' Workshop was held for 20 dietitian-nutritionists. Nine geographical Districts of the British Columbia Dietetic Association were represented and it is expected that this network will soon be providing continuing education in the communities of British Columbia.

Continuing Medical Education provided a Regional Co-ordinators' Workshop for representatives of the B.C. Medical Association Districts. It is expected that this programme will enhance both the needs assessment process as well as the effectiveness of the present Community Hospital programme.

As reported last year, the "Programme Planning Guide for Health Professionals", an introductory handbook providing step-by-step explanation of how continuing education programmes should be planned, was reprinted in 1978. It has now been reprinted for the third time and not only presented to all Regional Co-ordinators but is sold at cost to agencies and other universities in Canada and abroad.

Audio-Visual Aids - Health professionals in the communities are encouraged to make use of the fine library of slide-tape and video-tape programmes on health related matters which is held and circulated by the Department of Bio-Medical Communications.

A slide-tape production on Diabetes, authored by Dr. John Hunt and animated and produced by Bio-Medical Communications is one of the more successful projects initiated by this Division. "Start-up" funding was provided by the Mr. and Mrs. P.A. Woodward Foundation. This teaching package has been sold at cost to 180 agencies and is now available in six languages.

<u>To Offer Consultative Services Regarding Interprofessional and Uni-Professional Continuing Education</u>

Directors of the Division continued to provide individual

consultation on uni-profession continuing education and collective consultation on interprofessional continuing education to both local and international visitors. During the year four visitors from Australia and two from New Zealand spent from one to three days in consultation with members of the Division. In addition, a visiting pharmacist from Sweden and a consultant from Victoria, B.C., spent part of a day discussing specific interests.

To Establish Liaison with Other Groups Providing Continuing Education in Order that Co-operative Programming and Co-ordination be Encouraged

Directors of this Division ensure that professional associations and other providers of Continuing Education are made aware of this Division's aims and objectives in order that co-operative programming is encouraged and duplication of effort is avoided.

Active liaison continues with the Centre for Continuing Education at this University as evidenced by the previously reported co-operative programming. Also liaison with the Department of Adult Education at UBC has been mutually helpful in the sharing of resources.

Co-operation with the Canadian College of Health Service Executives has been productive in programme planning and in mutual support on various projects.

The Associate Director of Educational Support and Development has been active in liaisoning with the Health Advisory Committee of the Northwest Community College. This important link has been helpful to that Committee in its development and in its assessment of needs and resources. Co-operative programming has resulted.

To Initiate and Support Research Activities Pertinent to the Development of Continuing Education in the Health Sciences

The computerized data gathering system mentioned in last year's report is now in full operation. Registration, evaluation and other information useful for research is being stored. The system has been examined and admired by Directors of Continuing Education from other universities. An active search for funds is underway to obtain the services of a health scholar to use the information stored in the computer, in a research project to assess the impact of Continuing Education in the Health Sciences on the health care delivery system.

To Foster Health Education Programmes for the Public

The Division Directors are aware that public education will encourage the consumer to practise personal preventative medicine and accept more responsibility for the escalation of the cost of health care.

This Division is appreciative of the close co-operation of the Centre for Continuing Education in providing appropriate lectures on health related subjects for the public. Appreciation is also expressed for the opportunity to co-sponsor such projects when appropriate. An example of this year's co-sponsorship is the Dr. John Brocklehurst Public Lecture, "Confusion and Disorientation in the Elderly Patient", attended by approximately 125 interested members of the public.

The Division of Continuing Education in the Health Sciences also presented the Annual Dr. John F. McCreary Lecture. The speaker this year was Dr. Walter O. Spitzer of McGill University; his subject was "Evaluating the Interprofessional Approach in the Provision of Health Services". The lecture was open to the public and approximately 120 attended.

Summary

Not related to this report are the numbers of health professionals in the communities who were benefited by the teaching packages, slide-tape programmes and video tapes that have been made available on request.

Summarizing the above information, the Division of Continuing Education in the Health Sciences provided 102 community based courses and 112 on-campus courses and lectures with a total attendance of 9,623 health professionals.

Acknowledgements

The Division of Continuing Education in the Health Sciences is grateful for the important financial support provided by the Department of National Health and Welfare and to the Health Branch, British Columbia Department of Health Services and Hospital Insurance for continuing this support to March 31, 1979.

The significant funding provided by voluntary agencies, foundations and professional associations for specific programmes and projects is very much appreciated.

Financial support provided by the Interior Programmes Committee of the Universities Council has made it possible for the Division to provide courses for health professionals in small communities in the interior of British Columbia at a reasonable cost to the

registrants, a particularly pleasing accomplishment for the Directors of Continuing Education in the Health Sciences.

Important to the ultimate success of the Division is the voluntary support provided by the many course planners who meet regularly, for often a year or more, to ensure the course objectives are met. To these special people and to the teachers, course co-ordinators and registrants, we extend our sincere appreciation.

Special appreciation is extended to the Co-ordinator, Health Sciences, Dr. B.E. Riedel and to the Co-ordinating Committee for their encouragement, continued support and leadership.

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES
ACADEMIC AND ADMINISTRATIVE STAFF

The Division of Continuing Education in the Health Sciences was administered by a Committee consisting of:

Co-ordinator, Health Sciences Centre

Dr. B.E. Riedel

Chairman of the Committee of Continuing Education in the Health Sciences, and
Director of the Division of Continuing Medical Education

Dr. David S. Lirenman

Director of Continuing Dental Education

Dr. Malcolm F. Williamson

Acting Director of Continuing Education in Human Nutrition and Dietetics

Dr. Nancy E. Schwartz

Acting Director of Continuing Nursing Education

Mrs. Jo-Ann Wood to June 30th, 1979; Shirley Brandt, Director of Continuing Nursing Education August 1, 1979.

Director of Continuing Education in Pharmaceutical Sciences

Dr. David W. Fielding

Director of Continuing Education in Rehabilitation Medicine

B. Louise McGregor

Associate Director Educational Support and Development

Robert C. Gobert

Executive Director

Ralph A. Barnard

Administrator

David Miller

The individual Directors of the continuing education programmes for each profession are appointed by and responsible to the Deans or Directors of the Health Sciences Faculties and Schools. Each Faculty and School provides support staff to its Director.

DIVISION OF CONTINUING EDUCATION IN THE HEALTH SCIENCES
STATISTICAL SUMMARY OF ON-CAMPUS AND OFF-CAMPUS REGISTRATIONS IN 1978-79

Programme Area	No. of On-Campus Courses	Registrations	No. of Off-Campus Courses	Registrations
Dentistry	34	2,055	32	1,238
Human Nutrition and Dietetics	3	270		
Medicine	23	1,681	12	376
Nursing	19	836	8	213
Pharmacy	13	398	50	1,289
(Independent Study)				397
Rehabilitation Medicine	16	450		
Interpro-fessional	2	175		
Special Lectures	2	245		
TOTALS	112	6,110	102	3,513

TOTAL ON-CAMPUS COURSES	112	REGISTRATIONS	6,110
TOTAL OFF-CAMPUS COURSES	102	REGISTRATIONS	3,513
TOTAL COURSES	214	TOTAL REGISTRATIONS	9,623

PROFESSIONAL PROGRAMMES OF THE FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION

Professional Programmes, in the Faculty of Commerce and Business Administration, comprise the continuing education activities of the Faculty in three divisions: Executive Programmes, Diploma Division, and Real Estate Division. Executive Programmes is concerned with short-term, management seminars. Diploma Division is responsible for long-term, professional career training. Real Estate Division is responsible for licensing and continuing education in the real estate industry.

Dr. Fred H. Siller is responsible for the Faculty's continuing education activities as Associate Dean for Professional Programmes. Reporting to Dr. Siller are Mr. Dan Ulander of Executive Programmes and the Real Estate Division, Miss Sharon Habkirk of the Diploma Division, and Mr. Vern Ferguson of the Certificate Courses.

Executive Programmes

During 1978-79, Executive Programmes offered 95 management seminars to close to 2,400 businessmen and women throughout the province. These seminars covered a wide range of topics of interest to executives and managers from human resource administration to computerized management information systems. Local seminars were held in downtown Vancouver and at the University. In addition, seminars were held in locations outside of metropolitan Vancouver as well as outside of British Columbia. These locations included Victoria, Harrison Hot Springs, Kamloops, Kelowna, Cranbrook, Prince George, Prince Rupert, Edmonton, Calgary and Toronto.

The E.D. MacPhee Executive Conference Centre continues to be a superior facility for Executive Programmes. The Centre provides an excellent atmosphere for continuing business education.

During the year, Executive Programmes continued to develop its relationship with industry in British Columbia and was successful in implementing a number of new course offerings throughout the province.

A total of 95 seminars with 2,390 participants were offered. This represents 189 seminar days and 4,155 participant days.

Diploma Division

The Diploma Division offers five professional development courses in conjunction with various professional associations.

In total, 4,244 students were registered in the Diploma Division during 1978-79.

The Certified General Accountants' Course, under the sponsorship of the Certified General Accountants' Association of British Columbia, remained the largest of the diploma offerings. More than 2,300 students were enrolled in this programme studying various facets of law, accounting, taxation, auditing, and other management subjects. There are approximately eighty lecturers and markers involved. The course requires five years to complete and may be taken by lecture or correspondence throughout the province.

The Society of Management Accountants' Course (R.I.A.), sponsored by the Society of Management Accounting of British Columbia, also takes five years to complete. Graduates are specialists in management accounting and financial control. Some 633 students were enrolled during 1978-79.

The Junior Chamber of Commerce Business Administration programme, sponsored by the Vancouver Junior Chamber of Commerce, enrolled 173 students during 1978-79. The course, three years in length, is designed to provide students with a well-rounded business education.

The Marketing and Sales Management Diploma develops professional marketing managers. The course is three years in length and enrolled 139 students in 1978-79.

The course for the Institute of Canadian Bankers leads to a fellowship in the Institute on the completion of three years of study. The Institute's Fellow's Programme comprises nine compulsory and one elective course. A Letter of Accomplishment is granted after the first three subjects taken, the Associate of the Institute of Canadian Bankers (AICB) after eight subjects, and the Fellow of the Institute of Canadian Bankers (FICB) diploma on the completion of ten subjects. The objective of the programme, designed specifically for bank personnel, is to provide business education for those aspiring to hold, or already holding, managerial responsibilities, which will make students more aware of the need to assess and respond to a changing environment. More than 900 students were enrolled during 1978-79.

Real Estate Division

The Real Estate Division provided training in five areas during 1978-79 to 3,369 students. The Diploma Course in Urban Land Economics and the Mortgage Lender's Course were offered across Canada.

The Diploma Course in Urban Land Economics is four years in length and covers such areas as land economics, appraisal, mortgage finance, real property taxation, and property management.

During 1978-79, a total of 663 candidates were enrolled in the programme.

The Salesman's Pre-Licensing Course is offered several times throughout the year. The course is available by correspondence, evening lecture series, or in-residence programme. Completion of the course is required of applicants for a Real Estate Salesman's license in British Columbia. In 1978-79, 2,044 candidates took the course.

The Agents' Pre-Licensing Course is available by correspondence or on an in-residence basis. The course enrolled 443 students in 1978-79.

The Licensing Course for Mortgage Brokers, some twenty weeks in length served a total of 192 candidates in 1978-79.

The Certificate Course in Administration for the Real Estate Industry enrolled a total of 27 students on a lecture and correspondence basis.

FACULTY OF COMMERCE AND BUSINESS ADMINISTRATION
STATISTICAL SUMMARY OF REGISTRATIONS IN PROFESSIONAL PROGRAMMES 1978-79

Executive Programmes	
Ninety-five seminars	2,390
Diploma Division	
Junior Chamber of Commerce Business Management Programme	173
Marketing and Sales Management Diploma Programme	139
Institute of Canadian Bankers' Programme	959
Registered Industrial Accountants' Diploma Programme	633
Certified General Accountants' Diploma Programme	2,340
Real Estate Division	
Salesman's Pre-licensing Programme	2,044
Agent's Pre-licensing Programme	443
Licensing Course for Mortgage Brokers	192
Certificate Course in Administration	27
Diploma Programme in Urban Land Economics	663
TOTAL REGISTRATION IN PROFESSIONAL PROGRAMMES	10,003

PROFESSIONAL CONTINUING EDUCATION PROGRAMME OF THE SCHOOL OF SOCIAL WORK

The School's Continuing Education Programme has two objectives. First, it is designed to enhance the knowledge and skills of social workers who already have a university degree in the discipline. Second, it is intended to provide educational opportunities for the substantial number of persons employed in the social services who lack professional education.

The Continuing Education Programme is planned by a School Committee and administered by a faculty member reporting to the School Director. Professor Ben Chud is now that administrator.

In 1978-79, the School offered 42 Continuing Education courses, with total enrollment of 688.

Co-sponsored by the School and the B.C. Association of Social Workers, the Continuing Education Committee also offers an annual series of evening colloquia. This year only one was offered with a total attendance of 120.

The five Western Canadian Schools of Social Work jointly sponsor an annual Conference on Family Practice. The UBC School's Continuing Education Committee will again take responsibility for the planning and administration of the June 1980 Conference with Professor Ben Chud as Chairperson. This joint endeavour in Continuing Education in Social Work is proving highly successful. There was an enrollment of 235 at the 1979 Conference.

STATISTICAL SUMMARY OF REGISTRATIONS 1978-79

Developing Skills in Working With People	21
Counselling at the Crisis Intervention Level	19
The Woman in Acute Depression-Establishing a Treatment Plan	5
Therapeutic Interventions With Older People and Their Families	18
Working With Women	9
Work with Marital Couples in Groups	7
Loss and Grief - For the Dying and the Living	19
Sexual Abuse Within the Family	20

Intermediate Skills in Working With People	19
Supervision and Consultation in Work with Groups	8
Skills in Social Work Practice with Older People	14
Engaging Hard to Reach Families	33
Working With Men Who Use Violence	20
Developing A Model For Modifying Parenting Skills	14
Beginning Skills Workshop on Family Therapy: An Eclectic Approach	17
Advanced Skills in Working With People	17
Play Therapy Techniques for Professionals	20
Helping Families to Change	20
Specialist Course in Counselling	11
Play Therapy Techniques for Professionals	22
Stress Reduction Workshop	19
Developing Assertiveness Training	17
Play Therapy Techniques for Professionals	30
Developing Skills in Working With People	11
Social Work With Ethnic Minorities	9
Professional Development Workshop: A Humanistic Practice Method	12
Stress Reduction Workshop	11
Theory and Practice of Management in Human Service Systems	20
Practical Applications of Family Therapy Theories	18
Sexual Abuse Within the Family	14
Basics of Canadian Social Policy for Social Work Practitioners	15
Death, The Family and You	13
Problem Solving Family Therapy	26

The Art of Consultation Technique: The Social Worker as Consultant	14
Developing A Model For Modifying Parenting Skills	18
Counselling at the Crisis Intervention Level	11
Advanced Skills in Working With People	14
Beginning Skills Workshop on Family Therapy: An Eclectic Approach	15
Time Management for Social Workers	12
Specialist Course in Counselling	7
Working with Groups	20
Social Work With Native Indians and in Indian Communities	29
Tragic Cults Colloquium	120
Conference on Family Practice	235
TOTAL	1,043

PROFESSIONAL CONTINUING EDUCATION ACTIVITIES OF THE FACULTY OF AGRICULTURAL SCIENCES

Teaching Agriculture: A Workshop was held at Kamloops in July, 1979. The workshop, co-ordinated by Dr. Ross Bulley, was designed for high school teachers who have, or may have, responsibility for instructing agriculture courses. Seven other Faculty members were involved in presenting the programme.

B.C. Animal Agriculture Research Seminar was held in August, 1979 at the Agriculture Canada Research Station, Agassiz, B.C. Co-sponsors were the Departments of Animal Science and Poultry Science. The purpose of the seminar was to update technically oriented people and producers on current research being conducted in the two Departments, the Research Station and in the Veterinary Services Branch of the B.C. Ministry of Agriculture. Three Faculty members were actively involved in the programme.

Lower Mainland Sheep Producers Association UBC Campus Field Trip was held in November, 1978. Dr. R.M. Tait of the Department of Animal Science conducted talks on research projects and gave demonstrations of sheep management.

Landscape Design Short Course was co-sponsored by the Department of Plan Science. Dr. J.W. Neill was co-ordinator.

Remote Sensing Techniques, a one-day short course, was presented at the College of New Caledonia, Prince George, B.C., by Dr. Peter A. Murtha.

The Faculty actively participated in Science Spectrum '78, the 19th International Science Education Symposium, held at UBC November 3-4, 1978. Dr. N. Ross Bulley co-ordinated the Faculty contribution. Drs. Bulley, Arthur J. Renney, Robert H. Elliott, William D. Powrie, John Hodges, Bruce Owen, Roy Taylor and John Zahradnik all presented lectures. Other Faculty members participated in workshops.

It should also be noted that the Faculty's intensified commitment to continuing education throughout the province is reflected in an undertaking to provide integrated renewable resource management programmes in various parts of B.C. The Faculty's new Interior Programme, still being developed but already underway, involves both credit and non-credit courses.

The Faculty also mounted two major exhibits and continued to operate the Food Facts and the Hort-line information services as outlined elsewhere in the report.

PROFESSIONAL CONTINUING EDUCATION ACTIVITIES OF THE FACULTY OF EDUCATION

The Faculty of Education is involved in continuing education for the teaching profession in a major way. This involvement is initiated both within the Faculty and from the field through requests from school districts and local teacher associations. It is organized through the Field Development Office, or directly through the departments in the Faculty of Education. Some of the courses and workshops are organized in co-operation with Education Extension in the Centre for Continuing Education. The following statistics indicate the scope of this service to the teaching profession, calculated in hours of faculty involvement. A considerable part of the continuing education activities of the Faculty of Education takes place in non-metropolitan areas throughout British Columbia.

FACULTY OF EDUCATION

CONTINUING EDUCATION ACTIVITIES SPONSORED DIRECTLY BY THE FACULTY 1978-79

Education Depts.	Credit Courses & Sing. Lectures	Seminars Workshops Symposia Lec. Series	Scienti. Exhib's and Demonstr.	Congres. and Conferences	Various Performances	Art & Other Exhibits
Adult Education	34	182		86		
Art Education	27	144	10	32		172
Business Education	3	10		17		
Com. Media & Tech.	150	120		30		185
Counselling Psych.	180	235		142		
Curriculum Studies	90	15		22		
Early Childhood	150	15		15		
Ed. Administration	180	232		177		
Ed. Psychology	120	569	1	762		7
English Education	450	612		82		
Ed. Foundations	65	77		22		
Higher Education	6	5		10		
Home Economics	130	65		63		
Industrial Ed.	600	235		112		
Library Studies	270	40		10		
Mathematics Ed.	90	60		170		
Modern Languages	90	48		60		
Music Education	11	178		90	125	

FACULTY OF EDUCATION

CONTINUING EDUCATION ACTIVITIES SPONSORED DIRECTLY BY THE FACULTY 1978-79 (cont'd.)

Education Depts.	Credit Courses & Sing. Lectures	Seminars Workshops Symposia Lec. Series	Scienti. Exhib's and Demonstr.	Congres. and Conferences	Various Performances	Art & Other Exhibits
N.I.T.E.P.	22	170		235		
Reading Education	870	200		185		
Science Education	60	307	32	756	14	
Social Studies	55	180		112		
Special Education	510	240		120		
Student Teaching O.		177				
Teacher Prep/P.E.	7	223		42		
TOTAL (hrs)	4,170	4,339	43	3,352	139	364

PROFESSIONAL CONTINUING EDUCATION ACTIVITIES OF THE FACULTY OF FORESTRY

Professional Development Courses

Topic	Instructor(s)	Duration	Location
Forestry Sponsored			
Introduction to Statistics	Kozak, Iles	2 days	Victoria
Introduction to Sampling Methods	Demaerschalk, Iles	3 days	Victoria
Introduction to Growth Models	Munro	2 days	Victoria
Forestry/CCE/ABCPF Sponsored			
Aerial Ignition Systems	Johnson	3 days	North Vancouver
Drainage and Structures	Cottell	1½ days	Parksville
	Adamovich	1½ days	Vancouver
Intensive Forest Management	Smith, Weetman, McLean, Van der Kamp, Sziklai	2 days	Maple Ridge
Remote Sensing	Murtha	evening series	Vancouver
Foresty/Education Sponsored			
Science Seminar Programme (Forest Resources)	McLean, Ellis	2 days	UBC

Other Activities

The activities of the UBC Research Forest are listed further on in this report under the heading Demonstrations and Public Information Service.

Feasibility Study

In September, 1979 the Faculty commissioned a firm of forestry consultants to study interior forest education alternatives. They worked in close co-operation with Dr. Munro of the Faculty and, in February, 1979, submitted a report entitled The Possibilities for Extending UBC Forestry Programs to the Interior of British

Columbia. The Abstract of the Report is as follows:

"The Faculty of Forestry commissioned a study in late 1978 to investigate opportunities for extending forestry education into the interior. The study team, from Industrial Forestry Service Ltd., Prince George, used the results from an existing survey to confirm continuing education needs requried by professional foresters, employers and others.

Interviews were held with 163 individuals during the course of the study. Expressed needs in a number of subject areas were identified by professional foresters. The two year forestry technology programs underway since 1966 have produced a demand for upgrading to the professional levels on the part of some 300-500 aspiring graduate technologists. Some of these people are now registered in the Association of British Columbia Professional Foresters' forestry pupil program, which is incapable of servicing the educational requirements demonstrated. Since some companies throughout the Province wish that their experienced, qualified technologists could earn professional qualifications, without leaving home for long periods, there appears to be a significant demand for the development of a distance education program in forestry at the university level.

Since the target groups are scattered throughout the Province any consideration for the development of an Interior Campus would still entail distance education for most. Consequently the study pursued the need for distance education programs through existing structures rather than through a new Interior University facility.

The study attempts to answer the needs expressed by proposing an Interior Forestry Program to be phased in by the Faculty of Forestry over the next 5 years at a total 5 year cost of $1,744,000."

Administration

Dr. Donald Munro was appointed August 1, 1979 as Director, Off Campus and Continuing Education for a one-year term. He will be working co-operatively with the Centre for Continuing Education, regional colleges and industrial and government foresters to develop and strengthen the professional development program in Forestry.

UBC BOTANICAL GARDEN

The academic year 1978-79 continued to show an increase in activities of The Botanical Garden for professional, specialized groups and the general public in our continuing education programme. Not only did the Garden participate actively in the Centre for Continuing Education Programme, but also worked closely with the Continuing Education in Rehabilitation Medicine.

Continued progress was made in the development of the use of horticulture as therapy. The second volume of the Gardening as Therapy series - Summer Season - was produced in addition to a new slide-tape presentation for use by training groups. The Garden also participated in the academic training of occupational therapists in conjunction with the School of Rehabilitation Medicine. A regular programme utilizing the new greenhouse facilities at the Botanical Garden Office and Educational Centre was conducted throughout the year. A symposium was held early in the summer of 1979 to determine the impact of the original Horticulture as Therapy Symposium held in March 1978. This follow-up symposium indicated that many of the professional groups that attended the first symposium have now initiated and developed new programmes in hortitherapy. It is hoped that this programme will continue to expand in public and professional areas and to provide resource leadership for these programmes. The new programme in hortitherapy was also the subject of several lectures held both in the interior of British Columbia and in the State of Washington. These developments are becoming much more widely known and visitations from the University of Kansas and the University of Michigan brought some of the leading experts on hortitherapy from the United States to our programme to review the success and see its results. It is hoped that serious consideration will be given to a Programme of Excellence, which the Botanical Garden has requested from the Universities Council for some additional programme assistance in this area of Rehabilitation Medicine.

One of the many contributions made by the Botanical Garden to overall education this past year was the art exhibition "Plantae Occidentalis: 200 Years of Botanical Art in British Columbia" at the Museum of Anthropology. This exhibition, three years in the planning, became a reality when it opened on April 17. It will be displayed at the Museum until September 2, 1979 and will then travel to Ottawa, Winnipeg and Calgary before returning to Vancouver in the spring of 1980. This programme was completed through the generous assistance and enthusiasm of the Friends of the Garden programme and through the dedication of two summer students working on developing manuscripts for the publication connected with the exhibition. Susan Johnston, a professional editor, was hired to work with the production and distribution of the new publication. We believe that this

programme, although not a formal continuing education programme, has wide ranging implications for people interested in art and plants in British Columbia, and Canada as a whole. As a result of the exhibition, three additional continuing education programmes were established by the Museum of Anthropology to work in conjunction with it. This stimulation of co-operative programming is an important development between The Botanical Garden and other departments on campus, and we hope similar enthusiastic co-operative programmes can be established for other special projects in the continuing education field.

The Botanical Garden continued to play an important role in the Home and Garden Show, which is held each February in the City of Vancouver. The programme emphasized public education of gardening in small spaces and, because of the active participation of The Botanical Garden in this special trade show, the name was changed from the Home Show to the Home and Garden Show. Approximately 30 lectures were given during the Home and Garden Show by Botanical Garden staff and over 81,000 people attended the Show during its ten days at the Pacific National Exhibition grounds. We feel this forum is an important avenue for explaining the role of The Botanical Garden to the public.

The Fall Plant Sale for students, run by the Friends of the Garden, was one of two special events held this year. This programme gave students an opportunity to view the activities of The Botanical Garden, as well as participate in selection of plant material for their residences. Special plant care and maintainance advice was given by members of the staff during the three-day sale. A second special event was held in August when the B.C. Nursery Trades Association in conjunction with the B.C. Society of Landscape Architects and representatives of the Lower Mainland Parks departments visited The Botanical Garden for a Field Day at which new material that will be introduced from The Botanical Garden was displayed. This important liaison with the Horticultural Industry provided new public awareness, from the professional trades point of view, of the importance of The Botanical Garden to the community at large. A continuing programme has been established for the orderly introduction of new material from The Botanical Garden to the Industry, through the B.C. Landscape Plant Improvement Association.

In addition to the number of special events already mentioned, The Botanical Garden continued to provide education through special instruction programmes, radio, television, newspapers, and through a series of publications. A complete list of these is attached. This past year the Garden provided 18 special education tours, gave special instruction programmes exclusive of those offered by the Centre for Continuing Education or in the Home and Garden Show, and provided 5 3/4 hours of television. In addition, five days were spent filming a new gardening series for the CBC to be shown in 1980 entitled "Gardens of British Columbia." The Botanical Garden serves as the home base for

half of each programme, during which horticultural techniques are demonstrated. Approximately 15 hours were provided by staff for radio programmes; a weekly column was written for the Vancouver Sun; and a new weekly column for the Courier was initiated in 1979. Approximately 3,950 enquiries were answered either directly or by written communication during 1978-79. Twenty-six instructional programmes were given by The Botanical Garden in the field of Horticulture as Therapy, in addition to those that are carried out by the School of Rehabilitation Medicine. Forty-eight lectures were given to general public groups during the 1978-79 season.

In general, The Botanical Garden continues to provide new and exciting ideas to the general public and the University community at large. We hope that our programmes in continuing education will continue to grow and provide new stimulus to people interested in plants and their relationship to man.

The Botanical Garden provided both special and general programming continuing education activities during 1978-79. These activities can be grouped as follows:

1. a) Single Lectures

Aberthau Community Centre[1]
The Alpine Garden Society of B.C.[6]
American Horticultural Centre[6]
American Rhododendron Society[6]
B.C. Lower Mainland Tourist Association[6]
B.C. Professional Club Managers Association[6]
Canadian Nursery Trades Association[6]
Capilano Community College[1,6]
Cottonwoods Extended Care Unit[1]
Department of Botany, UBC[3,6]
Dunbar Garden Club[1]
Edmunds House Activity Centre, Edmunds, Washington[1]
Federation of B.C. Naturalists[2]
The Garden Club of Vancouver[1,2]
Geranium Society, Vancouver Chapter[1]
Gordon House Senior Citizens[1]
Grandview Garden Group[2]
Grandview Towers Seniors Home[1]
Howe Sound Senior Secondary Horticulture Group[1]
Junior League[1]
Kelowna Garden Club[1]
Kelowna M.S. Society[1]
National Council of Therapy and Rehabilitation Through Horticulture[2]
North Shore Neighbourhood House[1]
North Shore Night School[3]
Royal Columbian Hospital Psychiatric Unit[1]
Seattle Garden Club[1]
Science Spectrum 1978[6]

Sierra Club of British Columbia[1]
South Burnaby Garden Club[1]
Squamish High School Extension Programme[4]
G.F. Strong Rehabilitation Programme[2]
UBC Health Sciences Centre Psychiatric Unit[1]
University Women's Club[1]
Vancouver Chapter, American Rhododendron Society[5]
Vancouver Public Aquarium[1]
Vancouver Public Library[1]
Vancouver School Board Teacher's Programme[1]
West End Community Centre Senior Citizens Group[1]
West Vancouver Garden Club[1]

STAFF PARTICIPANTS

[1]David Tarrant, [2]Margaret Coxon, [3]Chris Marchant, [4]Ken Wilson, [5]Peter Wharton, [6]Roy L. Taylor

1. b) Special Instruction Programmes of one or more classes

B.C. Housing Commission, Vancouver (4)
Canadian Arthritis Society (2)
Chilliwack Horticultural Society, Chilliwack (2)
Dogwood Lodge Home
Douglas College Floristry Design Course (1)
Flowers Canada - Floristry Course (1)
Harbour Centre, Vancouver (1)
Pacific National Exhibition, Vancouver (5)
Park Royal Shopping Centre, West Vancouver (1)
Pearson Hospital Gardening Club, Vancouver (3)
Van Dusen Botanical Display Centre, Vancouver (1)

c) Symposia

Gardening as Therapy, Botanical Garden, UBC

d) Tours

18 educational tours

2. Television, Radio and Print. Programmes conducted for the following outlets:

a) Television

CBUT, Vancouver (4½ hours) 9 shows + 2 shows (10 min.)
BCTV, Vancouver (30 minutes) 1 show
CHBC, Kelowna (15 minutes) 1 show
Channel 10, Vancouver (30 minutes) 1 show

b) Radio

CBC, Vancouver (7½ hours) 15 shows
CKWX, Vancouver (43 shows - 1.25 min. each) twice weekly horticultural notes
CKLG, Vancouver (20 min.) 1 show
CJOR, Vancouver (4 hours) 2 shows
CHWK, Chilliwack (30 minutes) 2 shows

c) Print

Vancouver Sun - weekly column
The Courier - weekly column

3. Publications (specifically oriented to continuing education programmes)

Davidsonia, quarterly journal featuring items of horticultural and botanical interest.
Gardening as Therapy - Summer
Phenology of Cultivated Rhododendrons in The Lower Mainland of British Columbia
Plantae Occidentalis: 200 Years of Botanical Art in British Columbia
Plant Info-Gram - Rose Trials 1978 - recommendations for Lower Mainland based on performance of roses in the UBC Garden

4. Information Services

Plant information was provided to 3,943 enquiries.

5. Special Events

Student Plant Sale (18 hours of plant advice on care and maintenance)
Vancouver Home and Garden Show
P.N.E.
BCNTA/BCSLA Field Day
Art Exhibition

6. Horticulture as Therapy

UBC Extended Care Unit Programme (16 sessions)
Hortitherapy Symposium
Slide-Tape Presentation
B.C. Housing Commission (2 programmes)
UBC Health Sciences Centre, Psychiatric Unit (5 programmes)

MUSEUM OF ANTHROPOLOGY: EXHIBITS AND PROGRAMMES

Special Exhibits

August 8 - October 15, 1978	Image and Life: 50,000 Years of Japanese Prehistory--An exhibition of artifacts from the Palaeolithic to the rise of the Japanese state, borrowed from museums and private collections in Japan
December 5 - February 11, 1979	Ancient Crossroads: An exhibition of classical antiquities excavated in Southern Italy
To February 5, 1979	Yuquot ... 4,000 Years: Continuity and Change in a West Coast Village
September 19 - October 15, 1978	Northwest Coast Indian Artists' Guild Exhibition--The second annual exhibition of silkscreen prints selected and produced by members of the Northwest Coast Indian Guild
April 17 - June 3, 1979	Plantae Occidentalis: 200 years of Botanical Art in British Columbia
April 24 - October 1979	The Four Seasons: Food Getting in British Columbia Prehistory

Student Exhibitions

April 1, 1979	Design Elements in Northwest Coast Indian Art
April 1, 1979	The Evolution of Bill Reid's Beaver Print
April 1, 1979	Design Variations in Guatemalan Textiles Weaving a Jaspe Yarn
April 11, 1979	Homo Ekta Chromo: A Fine Arts student colour slide presentation--Six hundred slides are collaged on the theatre's six screens in a creative view of contemporary media and advertising
April 15, 1979	Kwagiult Masks: An Expression of Transformation

Travelling Exhibits

October 20 - November 20, 1978	Manitoba Museum of Man and Nature, Winnipeg
December 1, 1978 - February 8, 1979	National Museum of Canada, Ottawa
March 2 - April 29, 1979	Yale Peabody Museum of Natural History, New Haven
May 27 - August 5, 1979	University Art Museum, University of Texas, Austin

Northwest Coast Indian Artists Guild 1978 Graphics Collection

November 1 - November 6, 1978	Hyatt Regency Hotel, Vancouver
November 27, 1978 - January 5, 1979	Surrey Art Gallery, Surrey
May 1 - June 1, 1979	Public Art Gallery, Kamloops
June 15 - July 20, 1979	Princeton Museum, Princeton, B.C.
August 1 - September 1, 1979	Castlegar Exhibition Centre, Castlegar, B.C.

Sunday Afternoon at the Museum

Japan: to complement the temporary exhibition, Image and Life	Attendance
The making of Jomon Pottery (10000-300 B.C.): A demonstration by David Attamanchuk, potter	50
Film: The Jomon Period, Japanese Archaeology in the Jomon Period	75
Japanese Archaeology: An illustrated lecture--Richard Pearson, Professor and Curator of Archaeology, UBC Museum of Anthropology	250

Northwest Coast

Indian artists with pieces in the Northwest Coast Indian Artists' Guild Exhibition met with the public and discussed their work	300
Northwest Coast Indian Silver Bracelets: An illustrated lecture--Peter Macnair, Curator of Ethnology, B.C. Provincial Museum	130
Northwest Coast Boxes and Bowls: Containers of Power and Plenty--Marjorie Halpin, Assistant Professor and Curator of Ethnology, UBC Museum of Anthropology	130
A survey of Northwest Coast Indian Baskets--Andrea Laforet, Extension Curator, B.C. Provincial Museum	100
Shamanistic Techniques Among the Tsimshian--Marie-Francoise Guedon, Assistant Professor, UBC Department of Anthropology and Sociology	150
Whales: Food for Thought among the Nootka--Nathalie Macfarlane, Graduate Student, UBC, Department of Anthropology and Sociology	100
The Language of Northwest History: Chinook Jargon--Jay Powell, Assistant Professor, UBC Department of Anthropology and Sociology	150

Celebrations

Early Christmas Customs in Rural Europe--Janos Bak, Associate Professor, Department of History	150
A traditional Ukrainian Christmas Programme--Ukrainian Ladies Auxiliary	180

A Mexican Posada Presentation--Mexican Society of Vancouver	180
The University Chamber Singers: Special Christmas presentation in the Museum's Great Hall	180

Ancient Italy - to complement the exhibitions Ancient Crossroads and Villa Rustica

The Greeks in Southern Italy: An illustrated talk--Alan Evans, Professor, UBC Department of Classics	100
Films: The Greeks, The Romans	100
Weirs and Watersheds: A Historical Account of B.C. Indian Fishing--Douglas Hudson, Visiting Curator, UBC Museum of Anthropology	100

Cultural Performances

Reflections in a Mirror: The Presentation of an Ontario Town to Itself--A video and lecture presentation by Carole Farber, Assistant Professor, University of Western Ontario Department of Anthropology	45

Recent Fieldwork Presentations

The Single Woman in the Field: A Quadriethnic Community in Arctic Quebec--Lucy Turner, Visiting Curator, UBC Museum of Anthropology	75
Fieldwork on the Indians for the Indians--Vickie Jensen, Photographer, and Jay Powell, Assistant Professor, UBC Department of Anthropology and Sociology	35

The Annual Festive and Subsistence Cycle of the Kalash Kafirs of Northwest Frontier Province, Pakistan-- Gillian Darling, Graduate Student, UBC Department of Anthropology and Sociology	50
The Kewa of the Papua New Guinea Highlands: Their World and Their Myths--John LeRoy, Assistant Professor, UBC Department of Anthropology and Sociology	70
Night Riders: A Village Art of South India--Stephen Inglis, Graduate Student, UBC Department of Anthropology and Sociology	100
Fieldwork Family Style: A Sociologist, an Anthropologist and an Infant in Hong Kong-- Elizabeth Johnson, Public Programmes Co-ordinator, Vancouver Centennial Museum, Graham Johnson, Associate Professor, UBC Department of Anthropology and Sociology	50
Peruvian Carved Gourds: The Craftsman as a Chronicler-- Ricardo Muratorio, Senior Instructor, UBC Department of Anthropology and Sociology	50
Village Life in Central Java, Indonesia--Manuel Diaz, Graduate Student, UBC Department of Anthropology and Sociology	50

Botanical Presentation - to complement the exhibition Plantae Occidentalis

Meet the Native Flora of British Columbia: An Illustrated Talk	100

Prehistoric Subsistence - to complement the exhibition, The Four Seasons

Flora, Fauna, and More Food: An Illustrated talk--Martin Magne, Graduate Student, UBC Department of Anthropology and Sociology	50
Sirocco - Middle Eastern Musicians	100

Tuesday Evening Film Series

To complement the Exhibit Image and Life

"The Jomon Period," a film on Japanese Archaeology	200
"Living Art of Japan," Bamboo, Japanese Gardens	64
"Japan - Pollution," Japan - Problems of Urban Traffic, Energy Problems and Japan - Personality of Today	60

Physical Anthropology

"Monkeys, Apes and Man," Exploration of the work of Eaton, Harlow and Gocdall and "Multiple Man," People of all places, origins, cultures united side by side	30

Archaeology

"Early Stone Tools," demonstration of some of the flaking techniques used by early man to produce various tools;	35
"To know the Hurons," New excavation style at the Draper Site north of Toronto and	
"On the Track of the Bog People," Danish archaeologists trace the patterns of man in the Iron Age	

Communication (Linguistic) Anthropology

"Language Development," current work being done on language; "Invisible Walls," The importance of personal space in interactions and "Bitter Melons," examination of the music of a Bushman composer	42

Cultural Anthropology: Mesoamerica, Australia, Southeast Asia

"Turtle People," presentation of the conflicts and contrasts confronting the Miskito Indians of Eastern Nicaragua; "Walkabout," presentation of an anthropologist's experiences among the Australian Aborigines and "Children of Bangkok," study showing a day in the lives of three boys in a Thai city	48

Cultural Anthropology: Africa

"Nuer," events in the lives of the Nilotic people of the Sudan and Ethiopia	46

Cutlural Anthropology Change

"Cree Way," the use of local people and resources in the development of a curriculum more relevant of these subarctic Indians living in Rupert's House, Quebec; "Sikusilarmiut," animation films made by the Cape Dorset Inuit interspersed with live action footage of modern-day life and "The Land - A New Priority," the struggle of rural people in the Third World: Senegal, Kenya, Mauritius, Pakistan, Sri Lanka.	75

Saturday Afternoon Film Series

A Selected Chronicle of Films which influenced the Canadian Documentary--Lucy Turner, Visiting Curator, UBC Museum of Anthropology, introduced these films.

For forty years Canada has been in the forefront of the documentary film movement. In this series, selected works of pioneers in the field were presented, culminating in award winning films from the National Film Board, the longest lasting government sponsored documentary film unit in the Western World.

"Dreamland: A History of Early Canadian Movies (1895-1939)," Canadian film before the founding of the National Film Board	60
"Nanook of the North," Robert Flaherty's classic social document of an Inuit family's struggle for survival (1922)	120
"In the Land of the War Canoes," staged production of the Kwagiutl Indians by Edward S. Curtis (1914)	85
"Potemkin," Sergei Eisenstein's reconstructed propaganda film of the Russian revolution (1925)	200
"Song of Ceylon," Basil Wright's reportage of a changing culture (1934)	40
"The River," Pare Lorentz's masterpiece of sight, sound, drama and fact focusing on the problems of conservation (1937)	
"Olympia Diving Sequence" and "Olympia Marathon Sequence," selections from Leni Riefenstahl's larger film (1938)	60
"The City," Willard Van Dyke's film which links the politics of Ivens, the poetry of Lorentz, and the documentary of the 1940's (1939)	
"Thursday's Children," Guy Brenton's and Lindsay Anderson's intimate and unsentimental document of deaf children (1953	
"Grierson," tribute to John Grierson, founder of the National Film Board	75

"City of Gold," created by Tom Daly, Colin Low and Wolf Koenig (and narrated by Pierre Berton); an historical moment in the life of Dawson City (1957); "Eskimo Artist-Kenojuak," Eskimo printmaking (1964) and "Paddle to the Sea," vivid impressions of Canada's varied landscape and the life of its waterways (1966	50

Tuesday Evening Programmes in the Museum

Demonstration of Village Costumes from Highland Peru--Mary Frame and Maureen Maitland (3 evenings)	8

Talks on Northwest Coast Indian Art

A series of eight talks by Bill Reid, Peter Macnair, Michael Kew, Andrea Laforet, Nathalie Macfarlane, Marjorie Halpin and Bill Holm	438

Workshops and Tours

Cloisonne Workshops

Vancouver artist Judith Gould conducted four Saturday cloisonne workshops in the Museum, October 14, 21, 28, and November 4th, 1978.	12

Teachers' Workshops

Basic Orientation to Museum	15
Northwest Coast Indian Culture: The Cedar Tree--Hilary Stewart	14
Basic Orientation	12
Northwest Coast Indian Fishing--Hilary Stewart	14
Northwest Coast Indian Design--Roy Vickers	13
B.C. Indian Fishing--Hilary Stewart	14

	Incredible Cedar Tree--Hilary Stewart	14
	Northwest Coast Indian Art--Roy Vickers	15

Outreach Programmes

Eight illustrated lectures on current topics at the West Vancouver Recreation Centre, co-sponsored by the UBC Museum of Anthropology.

February 6, 1979	The Sutton Hoo Shop Burial Dr. Jean Elder, Department of History, UBC
February 20, 1979	Celtic Life in Prehistoric Europe Dr. Elvi Whittaker, Department of Anthropology, UBC
March 6, 1979	Never Make a Promise Lucy Turner, Museum of Anthropology, UBC
March 20, 1979	Daily Life in Ancient Rome Ria Rowe, Museum of Anthropology, UBC
April 3, 1979	Food For Thought Nathalie Macfarlane, Graduate Student, Department of Anthropology, UBC
April 24, 1979	Our New Museum of Anthropology The Volunteer Associates, Museum of Anthropology, UBC
May 8, 1979	Talk on India Stephen Inglis, Graduate Student, Department of Anthropology, UBC
May 22, 1979	Kalish Kafirs of Pakistan Gillian Darling, Graduate Student, Department of Anthropology, UBC

Conferences

May 28, 1979	B.C. Museum's Association	75

May 29 - July 1, 1979	Canadian Museums Association Annual General Meeting	350

In addition to programmes listed in this section of the report, the Museum of Anthropology also offers continuing education courses in co-sponsorship with the Centre for Continuing Education. Eight programmes were offered in this category, four during daytime and four in the evening.

MUSEUM OF ANTHROPOLOGY

STATISTICAL SUMMARY OF PARTICIPATION IN PROGRAMMES 1978-79

Sunday Afternoons at the Museum	3,100
Tuesday Evening Film Series	600
Saturday Afternoon Film Series	690
Tuesday Evenings at the Museum	146
Workshops and Tours	123
Conferences	425
TOTAL	5,084

FREE PUBLIC LECTURES, COURSES AND SEMINARS

Many faculties, academic departments and institutes offer lectures and seminars which are open to faculty, staff, students, professionals in the field, and to the general public free of charge. Attendance at these events varies considerably from two to three non-university participants to several hundred in the larger public lecture series. The lecturers are UBC faculty or visiting professors. It is very difficult, if not impossible, to have a record of literally hundreds of lectures and seminars held during the course of an academic year, and of the number of non-university participants. This report can only attempt to highlight the major public lecture series and to offer examples of other activities in this area which have attracted professionals and members of the general public. There can be no doubt, however, that these events constitute another important service rendered by the University to the community.

The Cecil H. and Ida Green Visiting Professor Lectures

A fund established by Cecil H. and Ida Green enables the University to bring to the campus outstanding scholars and researchers from Canada and abroad. In addition to being available for consultation and informal seminars for the university community, the visiting professors give two or more free public lectures. The following were the visiting professors in 1978-79: Sir Denys Wilkinson, Chancellor of the University of Sussex, England; Dr. F. Denys Richardson, Professor Emeritus and Senior Research Fellow, Royal School of Mines, Imperial College of Science and Technology, England; Mr. Owen Barfield, eminent writer and literary critic; Professor Richard Meier, University of California at Berkeley; Dr. Andrew Ian Malcolm, well known Canadian psychiatrist; Lord Lloyd of Hampstead, The Quain Professor of Jurisprudence, University of London; and Dr. James Birren, Director of the Andrus Gerontology Centre, University of Southern California. These outstanding visitors altogether gave 11 public lectures which attracted an audience in excess of 2,670 people. In addition, a number of the Cecil H. and Ida Green visiting professors also gave highly successful public lectures to the Vancouver Institute.

Adult Basic Education Consortium

A consortium was formed at the University in March, 1978 to bring together faculty members who had concern for the provision of and for the expansion of research in the area of Adult Basic Education. This ABE Consortium consisted initially of faculty members from the Departments of Adult Education, English Education, Mathematics Education and Reading Education.

Other members from the Department of Special Education, the Centre for Continuing Education, and the School of Social Work, as well as representatives of the Teachers of English as an Additional Language, the ABE Association of British Columbia and the Ministry of Education, joined the Consortium by the fall of 1978.

Among the activities sponsored by the ABE Consortium was a series of non-credit seminars open to selected leaders from the field, in addition to faculty and graduate students. During 1978-79 nine such seminars were held with average attendance of 13. The topics for the seminars were: Overview of ABE by Gary Dickinson; Overview of ESL for Adults by Mary Selman; Special Education for Adults by Peggy Koopman; Aims in Teaching ESL to Adults by Bernard Mohan; Research on Adult Reading by Edward Summers; Competency Based ABE by William Griffith; Education for Minority Groups by Eitan Israeli; Report of the Ministry on ABE by Ron Faris and others; and Functions of Literacy by Stephen Reder.

The ABE Consortium co-sponsored several workshops together with the Centre for Continuing Education: Basic Literacy Techniques Workshops held in Terrace, Kamloops and Coquitlam; a Workshop on Mathematics for Adults and a Workshop on the Adult Performance Level Programme, held in Vancouver.

A major event co-sponsored by the ABE Consortium, the School of Librarianship, Douglas College and the Ministry of Education was an invitational Conference on the Role of Libraries in ABE. Thirty participants including ABE staff, college librarians, and public librarians discussed ways in which library services for adults of limited reading ability could be improved.

Centre for Human Settlements

The UBC Centre for Human Settlements, established in 1976, brings to UBC a number of internationally known experts. As part of the activities of the Centre, these visiting experts offer public lectures, held both on and off campus. Almost 400 persons participated in these programmes during 1978-79. This year's public lecture programme included:

Settlement Strategies: Israel's Kibbutz Experience; Dr. J.R. Blasi, Harvard University

Paris: the Grand Design; Dr. H. Anthony, California State Polytechnic University

London: Rebuilding Its Core; Dr. H. Anthony

Stockholm: Revitalizing Its Downtown Function and Form; Dr. H. Anthony

Moscow: Setting Limits to Its Growth; Dr. N. Anthony

Israel's Kibbutz Experience; Dr. J.R. Blasi (held at University of Victoria)

Computing Centre Non-Credit Courses

As in previous years, the Computing Centre offered three series of free short non-credit courses on the use of its facilities. Approximately 35 courses were offered. Total enrollment in these courses was about 700. The courses are primarily directed towards UBC faculty, graduate students and staff, but are open to the public and attract a significant number of off-campus participants.

The Computing Centre also organized refresher and upgrading courses for local computer professionals who were preparing for the international Certificate in Data Processing examinations. More than forty persons attended this evening course.

Institute of Applied Mathematics and Statistics

The Institute organized four regular weekly series: Applied Probability and Statistics Workshop, Applied Mathematics Seminar, Optimization Seminar, and Solid Mechanics Group meetings. The IAMS Colloquium was held rather infrequently this year, but emphasized topics of a more general nature, suitable to the applied mathematics community as a whole rather than specialized sub-groups. The 116 sessions of the workshops and colloquia attracted faculty, students and members of the professions and the general public.

Westwater Research Centre

The annual Westwater public lecture series at the Vancouver Centennial Museum attracted over 200 participants each, making for a total attendance of some 1,300 people; the lectures will be published as Coastal Resources in the Future of British Columbia. A number of workshops were held for research personnel in federal and provincial government departments and from industry. Among these were: Advisory Panel on research project Development Policies for Coastal Fishery and Mariculture Industries; Workshop on Washington State Coastal Zone Atlas and the Northwest Coastal Information Centre; and Workshop on Fraser Estuary Research Plans for 1979. A public Seminar on Water Resources Planning in the Yukon also was organized by the Westwater Research Centre. These workshops and seminar attracted altogether 149 participants.

Other Selected Activities

Among many other activities open to and attended by professionals and members of the general public were the following lectures, courses, seminars and workshops.

The Institute of Asian Research organized this year two seminar series open to interested public. The themes of the two ten-session series were Science, Technology and Social Change in Asia, and Asians in Canada.

In addition to a major continuing education programme for engineers, carried out in co-operation with the Centre for Continuing Education, several departments in the Faculty of Applied Science also contributed in other ways to the continuing education activities of the University. The seminars sponsored by the Department of Chemical Engineering were open to the public and especially the seminar by Dr. Miroshnikov from the USSR attracted participants from outside the University. The Department of Civil Engineering made arrangements enabling professional engineers to audit credit courses for general upgrading purposes. The Department of Mechanical Engineering organized four seminars of interest to and attended by professionals from the field. The Department of Metallurgical Engineering presented research being carried out in the department in an Applied Research Seminar attended by engineers and other professionals from Canada and the United States.

The Centre for Transportation Studies sponsored an invitational symposium on airline productivity, attended by top executives from the industry, officials from the Air Transport Association of America, the Canadian Air Transport Association, and federal government officials. The Centre also co-sponsored a programme on general aviation airports, attended by a number of mayors, local elected officials and municipal employees in addition to persons with an interest in aviation.

The Faculty of Law sponsored 3 public lectures in 1978-79: The Supreme Court of Canada--The Canadian Constitution, by Premier A. Blakeney; The Status of Aborigines in Australia's Deep North, by Professor G. Nettheim from the University of New South Wales; and the Annual Leon Ladner Lecture, co-sponsored with the Faculty of Law of the University of Victoria, this year on the topic of The Role of the Ombudsman, by Arthur Maloney, Q.C.

The School of Nursing sponsored two Marion Woodward Lectures: The Expanding Family--A Nursing Perspective, by Margaret D. Jensen, and Sixty Years of University Nursing Education--Professional Values and Sexual Politics, by Alice J. Baumgart. These lectures were attended by some 250 participants each. An interprofessional evening on the theme Health for All People by the Year 2000, with Dr. R.N. Barrow from Geneva, Mrs. S. Marshall-Burnett from Kingston, Jamaica, and Mrs. V. Splane from the International

Council of Nurses, attracted 50 participants.

The Department of Fine Arts organized a number of public lectures. Among these were lectures on Giorgione by Professor Terisio Pignatti from the University of Venice; Indian Identity and Survival by Ken Denis; The Ecclesia as State by R.L. Benson from UCLA; Mantegna's Triumph of Caesar by M. Vickers from Oxford University; Michelangelo's Medici Chapel by Dr. L.D. Ettlinger from University of California at Berkeley; and Early Photography in Canada by Andrew Birrell, Public Archives of Canada. The department also sponsored a Medieval Workshop and the 4th Fine Arts Graduates Symposium.

DEMONSTRATIONS AND PUBLIC INFORMATION SERVICE

Several faculties and departments provided demonstrations which are open to the public and also offered public information services on a large scale. The Department of Geophysics and and Astronomy arranged frequent visits to demonstrate its seismic and telescope facilities. The UBC Research Forest described below is another important demonstration facility, as is The Botanical Garden described in detail elsewhere in the report and featured again below in some of its functions, while the Faculty of Agricultural Sciences and the Faculty of Pharmaceutical Sciences provided other public information services.

UBC Research Forest

The 5,157 hectare forest, established in 1949 and managed by the Faculty of Forestry provides optimal environment for research, education and demonstration in all aspects of the forest sciences.

A part of the UBC Research Forest is designated to serve as a Demonstration Forest for the use of schools and the general public in order to demonstrate forest management practices. Brochures are provided for self-guided tours, while guides are available to groups of twenty or more. In addition, staff is involved in an Outdoor Education Programme for Schools, which includes a number of workshops for counsellors and teachers who accompany school groups using the UBC Forest. During 1978-79, Outdoor Education day visits accounted for 3,179 visitors, Outdoor Education residential visits accommodated 2,043 people, and 4,205 individuals participated in public tours.

Faculty of Agricultural Sciences, Demonstrations, Scientific Exhibits and Information Services

The Faculty of Agricultural Sciences mounted two major exhibits designed to demonstrate its activities and research to the public. One of these was a display, part of a mini-open house sponsored by the Alumni Association, in Kelowna. The other one was a display at the Pacific National Exhibition. Included in these exhibits were the Food Facts and the Hort-Line information services, a sheep used in digestibility studies, Japanese Quail used in genetic research, soil columns used in mine waste reclamation research, tree fruit grafts, a model solar greenhouse, and experimental feeds. Faculty and staff members manned the displays and explained research activities of the Faculty and answered queries. In conjunction with the P.N.E. exhibit, faculty and graudate students gave daily public talks on topics of interest, such as Care of Houseplants, Impact of the Energy Crisis on B.C. Food Supplies, and Foods of the Future.

Faculty of Pharmaceutical Sciences, Drug and Poison Information Centre

As part of the services provided by the Drug and Poison Information Centre, operated by the Faculty of Pharmaceutical Sciences, Ms Gillian Willis, Co-ordinator of Poison Information presented during the 1978-79 six radio and television interview sessions on the subject of Principles in Poison Management. These programmes were broadcast on CTV and CKVU television and on CBC radio, as well as on three separate occasions on the CJOR open-line programme.

The Botanical Garden

The wide-ranging activities of The Botanical Garden are described in detail elsewhere in the report. Only the major demonstration projects and public information services will be restated here. The Botanical Garden provides important annual demonstration shows at the Vancouver Home and Garden Show and at the Pacific National Exhibition. The staff of The Botanical Garden also is very active in a sizeable public information programme via television, radio and newspapers. During 1978-79, an aggregate total of 6 hours of televised programmes were broadcast by CBUT, BCTV, CHBC (Kelowna) and Channel 10 (Vancouver), while radio programmes amounted to a total of 13¼ hours broadcast via CBC, CKWX, CKLG, CJOR and CHWK (Chilliwack). A weekly column, written by staff of The Botanical Garden, appeared in the Vancouver Sun and The Courier.

PUBLIC CONCERTS, THEATRE PERFORMANCES AND ART EXHIBITS

The University of British Columbia contributes to the cultural life of the Lower Mainland and beyond through an increasing number of public concerts, theatre performances and art exhibits. The comprehensive activities of the Museum of Anthropology are detailed elsewhere in the report. Here are listed the activities of the Department of Music, Department of Theatre, and the Fine Arts Gallery.

Department of Music, Public Concerts

The Department of Music offers an extensive varied programme of public concerts and recitals, both on and off campus. Thus during 1978-79 the department presented 27 faculty recitals and 85 student performances on campus, attended by faculty, students, staff and general public.

Off-campus concerts by student ensembles of the department were given, among others, in Squamish, Victoria, Duncan, Nanaimo, Parksville, Courtenay, Port Alberni, Powell River, Penticton, Castlegar, Trail-Rossland and Vernon, as well as at the following universities: Victoria, Western Washington, Carleton, Queens, York, Western Ontario, and Guelph.

The Department of Music also hosted distinguished artists and musicologists who gave public concerts and lectures. Among the guest appearances were the Pro Arte String Quartet, the University of Western Washington Concert Choir, and pianist David Burge. Six distinguished visiting lecturers who dealt with 19th century music were Paul Henry Lang, Lewis Lockwood, Karl Geiringer, Martin Chusid, Allen Forte and Joseph Kerman. The American composer Ross Lee Finny presented a public lecture and the Contemporary Players Ensemble of the Department of Music performed two of his major works.

Among other activities of the department was a joint orchestral workshop culminating in a public concert in which its student Symphony Orchestra collaborated with the Vancouver Youth Orchestra; Franz-Paul Decker conducted the public concert, with a special appearance by pianist Robert Silverman.

Department of Theatre, Public Productions

Some 17,000 persons, students, faculty, staff and the general public, took advantage of the theatre productions sponsored by the Theatre Department. During 1978-79 the following plays were put on:

Frederic Wood Theatre

No Man's Land (September 20-30)

The Bacchae (November 7-22)
Three By Beckett (January 10-20)
All's Well That Ends Well (February 28-March 10)

M.F.A. Thesis Productions and Dorothy Somerset Studio

Leonor[illegible], Nevermore (November 30-December 2)
The Sea Horse (March 14-17)

Stage Campus '79

Ring Round The Moon (June 13-23)
The Good Woman of Setzuan (July 11-21)
Live Like Pigs (August 8-28)

UBC Fine Arts Gallery

The UBC Fine Arts Gallery presented to the public eight exhibits during 1978-79:

September 19-October 6	Selections from Corporate Collections
October 10-November 4	Sophie Pemberton, 1869-1959
November 7-30	Walter J. Phillips: Works on Paper
January 2-27	Jolly Morgan: Premiere exhibition of free-hanging three-dimensional structures
February 6-March 3	Headspace: An Exhibition in Celebration of Hats and Headgear
March 6-31	Lia Magor: Recent Sculpture
April 3-27	Documentary Photography in Canada, 1850-1920
August 13-September 20	Degikup: Fancy Washoe Basketry 1895-1935

The UBC Fine Arts Gallery received assistance and co-operation in some of these exhibits from the Canada Council, the National Gallery of Canada, the Art Gallery of Greater Victoria, and The Leon and Thea Koerner Foundation.

PROVINCE-WIDE CONTINUING EDUCATION SERVICES

Programmes Throughout the Province

As in the previous two years, the provision of continuing education by UBC to non-metropolitan areas continued to expand in 1978-79. This increased activity occurred in credit courses as well as in non-credit continuing education in the professions and in general education programmes.

The Office of Extra-Sessional Studies, with the Faculty of Education, organized in 1978-79 a total of 96 off-campus credit courses offered in 33 locations with an enrollment of 1,200 students; this is a significant increase over 1977-78 when 52 off-campus credit courses were offered, with enrollment of 911. This activity again was made possible due to financial support for interior programmes provided by the Universities Council of B.C., and the willingness of faculty to travel extensively to all parts of the province.

In distance education serving all parts of the province, Guided Independent Study considerably expanded its telephone tutoring service for credit course students. It also significantly expanded its non-credit courses and thus brought about the marked increase in enrollment in this part of UBC's programme. Instructor's Diploma Programme experimented very successfully with the provision of required courses via a telephone conference system. A modularized package programme for teachers of adults was developed in co-operation with the UBC Adult Education Department with funding from the Ministry of Education, Science and Technology. Two courses in the Diploma Programme in Administration for Engineers were made available on video-tape for use by groups and individuals. Similarly, the highly successful programme on draining structures for logging roads was video-taped and shown to groups in Chetwynd, Prince George, Vanderhoof and Vernon.

Several faculties and departments contributed to expanding continuing education services to many communities throughout B.C.

The Faculty of Agricultural Sciences offered programmes at Agassiz, Kamloops and Prince George; it also put on demonstrations at a mini-open house in Kelowna. It should also be noted that the Faculty's intensified commitment to continuing education throughout the province is reflected in an undertaking to provide integrated renewable resource management programmes in various parts of B.C. The Faculty's new Interior Programme, still being developed but already under way, involves both credit and non-credit courses. The Faculty of Forestry offered continuing education programmes in Maple Ridge, Parksville and Victoria. On August 1, 1979, Dr. Donald Munro was appointed as Director, Off Campus and Continuing Education, for a one-year

term. He will be working co-operatively with the Centre for Continuing Education, regional colleges and professional foresters to develop and strengthen the professional development programme in Forestry.

The Faculty of Commerce and Business Administration, through its Executive Programmes, offered an expanded continuing education programme reaching Cranbrook, Kamloops, Kelowna, Prince George and Prince Rupert. The Division of Continuing Education in the Health Sciences carried on in the expansion of continuing education services throughout B.C., especially in Dentistry, Medicine and Pharmacy. The Faculty of Education, in addition to the considerable expansion of its credit courses offered off-campus also carried on with its contribution to professional development of teachers.

The Botanical Garden prepared a television programme broadcast on CHBC in Kelowna and a radio programme carried by CHWK Radio in Chilliwack. Student ensembles of the Department of Music travelled to Squamish, Victoria, Duncan, Nanaimo, Parksville, Courtenay, Port Alberni, Powell River, Penticton, Castlegar, Trail-Rossland and Vernon.

The Centre for Continuing Education carried on in its effort to expand general and professional continuing education programmes to locations outside the Lower Mainland. There was a modest increase of 3.5 per cent in the number of people served by our group programmes offered in many locations throughout the province, while non-credit courses offered by the Guided Independent Study served this year over 300 per cent more individual participants than last year. The major roadblocks in expanding our programmes to more adequately serve all parts of the province are funding arrangements and the lack of resident organizing staff (our programme is most extensive and best developed in the Okanagan/Thompson area, where we do have the well established and acclaimed UBC Interior Programme under the capable direction of John Edwards, based in Vernon). Our plans call for the expansion of resident staff and programmes in several areas of B.C. as fast as availability of funds will permit.

Several programme areas of the Centre for Continuing Education served residents in interior locations with programmes offered in their community. Engineering Programmes added Cranbrook and Prince Rupert to fourteen locations already served; 40 per cent of participants in Engineering Programmes now are residents in non-metropolitan areas. Adult Education Training programmes were held in five locations in northern B.C., the Okanagan and the Kootenays. Women in Management and Career Development programmes co-operated in locating programmes in Burns Lake and Nelson. The Language Institute organized workshops for teachers of French in several interior locations and gave demonstration sessions on teaching English as a second language for Fraser Valley College and Quesnel School District. The Women's Resources Centre is becoming an important training

resource to the new Women's Access Centres being established by the community colleges. Pre-retirement Education Programmes developed a training manual and organized a workshop for 25 representatives from B.C. educational institutions all over the province, resulting in a number of new pre-retirement programmes being scheduled by colleges and school boards in many communities in B.C. We have also been an active partner with the United Way Task Force on Retirement Planning, with Premier Cablevision and forty affiliated local cable stations in producing a TV programme and accompanying background study booklets on retirement planning, Tomorrow is Now; 4,000 sets of the booklets were purchased by companies throughout B.C. for distribution to employees in conjunction with the local showing of the eight-part programme.

All in all 3,593 participants took advantage of the group programmes organized by the Centre for Continuing Education throughout the province. To this number of individuals served must be added some 960 participants in Guided Independent Study who are residing in non-metropolitan areas.

However, the most concentrated programming in continuing education again was offered by The University of British Columbia through its UBC Interior Programme in the Okanagan-Thompson area.

UBC Interior Programme

General education programmes on current issues, national and international, such as Quebec, the world monetary crisis, the state's responsibility to the citizen, Middle Eastern crises, the Pacific rim, drew in 1978 79 the largest audiences. Still popular, however, are those personal interest courses relating to life-styles and human development: feminism, human sexuality, death and dying, health, and assertiveness training. Topics in literature, music, art, archaeology and philosophy have their devotees but not in large numbers.

In the professional and practical fields the UBC Interior Programme made possible local access to some particular studies in community planning, traffic engineering, recreation with older adults, hospital law, social and health care, and adult education training. A two-day seminar on hospital law, the only such programme in the province in recent years, attended by administrative and senior medical staff from the whole province, was jointly sponsored by the Vernon Jubilee Hospital and the UBC Interior Programme with Mr. Lorne Rozovsky of Dalhousie University. A major programme of in-service education for non-degreed library personnel has been initiated in co-operation with the UBC School of Librarianship and the UBC Programme Co-ordinating Committee.

The programming philosophy of the UBC Interior Programme includes the goal of local programme determination to guarantee

relevance and a sense of local proprietorship. To this end, lay Advisory Committees, "friends of the UBC Centre for Continuing Education", are functioning in Kamloops, Vernon, the south Okanagan, Nelson and Castlegar/Trail. Thirty-eight local residents serve on these committees which work closely with the Director in needs-assessment, promotion, hosting and local arrangements.

Another goal of the Interior Programme is to foster an appreciation of community development education wherein educational resources are marshalled enabling citizens to identify and to resolve local issues.

More than 1,300 people attended the lecture/discussions, workshops and seminars held this year in six Interior cities; an unspecified number have been exposed to the television and radio interviews arranged for visiting UBC faculty.

Co-operation is essential from a variety of sources to expedite the Interior Programme and is currently at a satisfactory level: the UBC Administration and Faculty, the UBC Alumni Speakers Bureau, Centre for Continuing Educational colleagues, Cariboo, Okanagan and Selkirk Community Colleges, and other local institutions and services all contributed to the success of the programme.

The staff of the UBC Interior Programme rendered some assistance to the first-ever Interior meeting of the UBC Board of Governors in Kelowna last April. The Kelowna event added immeasurably to the general awareness of the UBC province-wide mandate and its active presence in the interior.

UBC SPEAKERS BUREAU

The UBC Speakers Bureau was organized by the Alumni Association to make UBC faculty, staff and graduate students accessible as speakers for voluntary community associations and service clubs. The Speakers Bureau office has concluded another very successful year, having made arrangements for 411 talks during 1978-79. Over 250 faculty, staff and graduate students volunteered to speak this year reaching over 18,000 people.

A grant from the Koerner Foundation enables non-profit organizations outside the Greater Vancouver Regional District to apply for funds to assist with travelling expenses. UBC speakers were able to visit such areas as Fort Nelson, Trail, Victoria and Kelowna during this year as a result of this grant.

We are looking forward to continuing this service and appreciate the support of both the University and the community-at-large.